Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 21st May 1886-concid.

		*			R	INPALL.				Тот	AL.				
Meteorological division.	District,	Station.	Asturday, 15th May.	Mry. 16th	Monday, 17th May.	Tnesday, 18th May.	Wednesday, 19th May.	Thursday, 20th May.	Friday, 21st May.	Number of rainy days.	Rainfall of week.	Total rainfall since lst of month,	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1886.	Average rainfa from 15 May 18 to date
NORTH BEHAR -continued.	Sarun	Gopalgunge Sewan	*****	2.02 0.12	0.49					1	0.01 0.01	2·46 1·82	2.52 0.82	2.02	* 61
SOUTH BRHAD	Shahabad	Chuprah Buxar Dehree Bhubooah Sasseram Arrah Mohania		0°20 0°54 0°30	0.30					2 1 1 1 1 Nil Nil	0.81 0.20 0.30 0.24 0.30 Nil Nil	1 '84 0 '48 0 '30 0 '94 0 '30 0 '70 Nil	0.77 0.46 0.82 0.76 0.92	0 09 0 20 0 30 0 54 0 30 Nil Nil	000
	Gya	Aurungabad Gya Nowadah Jehanabad Arwal		0.08	0°31 0°24 0°15					Nil 1 1 1 1 1	0.08 Nil 0.31 0.24 0.15	0.08 Nil 0.40 0.58 1.55	1'13 1'14 1'50 0'98	0°08 Nil 0°31 0°24 0°15	01 01 01
	Patna	Daudnagar Sherghati Rajauli Pakri Barawan Patna	*****		0.40			*****		Nil Nil 1	0'40 Nil Nil 0'20	Nil Nil 0.80	P P	0°40 Nil Nil 0°20	
	Monghyr	Diuapore Behar Barrn Begooser:	******	0*06	0.30					Nil 1	0'30 0'12 Nil 1'00	1 '04 0 79 0 13 1 40	1.06 0.69 1.65 1.73	0:30 0:12 1:65 1:00	0.00
	South Bhagul- pore.	Monkhyr Jamui Gogri Sheikpura Bhagulpure Banka	0.62		0°15 0°07 0°16 0°06			0.84		2 1 1 1 1 1 1 1 1	0°21 0°91 0°16 0°65 0°53 1°52	0.27 1.57 0.58 0.06 0.65 1.11 2.48	1'50 1'40 ? ? 1'73 1'58	0°21 0°91 0°16 0°06 0°65 0°53 1°52	
	Sonthal Pergunnahs.	Rajmehal Godda Pakour Nya Doomika Deognur Jamtara Simra Nanihat		1°31 0°78 0°21 0°13	0°32 0°23 0°44 0°07 1°84 0°07 2°48	[0:10	0°19 2°87 0°04	1.42		2 2 2 2 2 1 2 2	1.60 1.10 3.10 0.69 0.20 1.84 1.69	4'18 2'48 3'86 3'04 1'29 3'36 2'50	8*21 1*83 1*93 1*64 2*04 2*20 P	1*60 1*10 3*10 0*69 0*26 1*84 1*69	
CHUTIA NAG- PUR.	Hazaribagh	Pachamba (Giridi), Hazarioagh Semtagurah (Mahudi Hills Jhoomrah Hills Barhi Chutra Karagdaha Kamghar	0.03 0.13 0.37	0.30	0.62	0.12				Nil 2 2 1 1 2	0.03 Nil 0.33 0.52 0.30 0.71	0°36 0°75 0°30 0°82	1 '39 1 '25 1 '86 1 '40 2 '54 9	0°58 0°52 0°80 0°71	
	Lohardugga	Lonardugga kanch: Palamow Silli Balumat Hosseinabad Garwah	2·12 0·22	0°26 0°91 0°22 0°13	0.52	0.02				2 2 2 Nil Nil 1 2	2:38 0:28 0:93 Nil Nil 0:22 0:38	2·52 2·00 0·97 0·10 Nil 0·25 0·38	1°76 0°86 7	2°38 0°28 0°93 Nil 0.22 0°38	
	Singbhoom	Chyebassa Chakradhar- pore. Ghatsilla Baharagura	1:57 0:72 2:85			0.88				2 1 1	2:55 0:72 2:35	2.59 1.16 3.20		2°55 1°06 2°35	
	Manbhoom	Purulia Goomapore Raghunath-	0.27	0.68	0°38 0°08 0°17 0°01	0.12				3 1 1	0°47 0°17 0°01	4.00 0.98 0.32 0.72	2°52 1°25	0°47 0°17 0°01	Ý
	0	Barrabhoom Jhalda Chas	0.36	0*03	0°92 0°97	**				3	0.41	1·11 2·24	9 9 9	0°41 0°97	I

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the are wanting, the corresponding space is left blank.

Calcutta, the 25th May 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 21ST OF MAY 1886.

The report for the previous week showed that weather conditions over the province were decidedly disturbed, owing to the interaction between more or less opposite wind systems. At the close of the week, however, these conditions were gradually disappearing, but still for the first three days of the present week conditions were sufficiently disturbed to give a large number of local storms, which in most instances brought light rain. At first these storms with rain were general over almost the whole province, but the area affected by them has gradually contracted, and towards the close of the week the rainfall was practically confined to North Bengal. The winds for the second-half of the week became very light and rather irregular over the whole province, and while thus winds were falling off in strength at the head of the Bay, a very strong advance of monsoon winds was taking place in the extreme south of the Bay; heavy rain was also recorded at some of the Ceylon stations. Thus at Galle on the 18th and 19th nearly eight inches of rain were reported. This is the second advance of monsoon winds which has taken place up the Bay during the present month, and it is probable that this second burst will advance further up the Bay than the previous one did.

Pressure—During the first two days of the week was rising at the majority of stations; and it was lowest at the western and highest at the south-eastern stations, but at this time there was also a comparatively low pressure area in the south-west corner of the Bay, and this comparatively low pressure has remained persistent almost throughout the week. Towards the close of the week also pressure generally fell over Bengal, but notwith-standing that the fall was in some cases rather rapid, pressure was at the close of the week largely above the normal over the province, the excess in many instances equalling 0.15". For the whole week the mean pressure of the province has been almost 0.1" above the normal.

Temperature—Changes have been generally small at most stations throughout the week, but with the cessation of rainfall in some districts, and the diminution of its quantity in others, the variations of temperature have generally been in an upward direction. Thus at the commencement of the week temperature was in defect in Chutia Nagpur and South Behar by about 5°, though in other districts the defect was generally not larger than 1° to 2°, while at the close of the week it was only slightly below the normal in almost all districts, while in East Bengal it was even in slight excess. For the whole week the mean temperature of the province has been 2.8° below the normal. In all cases the mean temperature is below the normal, and the extreme variations are from a defect of 6.7° in South Behar to one of 0.3° in East Bengal.

Rainfall—Has been fairly well distributed over the whole province during the first three or four days of the week, while at its close, as previously stated, all divisions were for practical purposes rainless, excepting in North Bengal at the districts in and near the hills. In most divisions rain has fallen at almost every station, and on about one or two days of the week. The largest average rainfall has been received in North Bengal, which has registered 1.76 inches against the normal amount of 2.04 inches. East Bengal has recorded an average fall of 0.71 inch against the normal 1.55 inches. Both these districts have therefore received falls very considerably below the normal. North Behar has registered a general fall of 1.10 inches against the normal 0.53 inch, and has therefore received twice the normal amount. South-West Bengal has received 0.97 inch against a normal of 0.82 inch, and South Behar a fall of 0.65 inch against the normal 0.61 inch; and Orissa has recorded 1.67 inches against the normal 0.57 inch, and thus all these districts have received falls very decidedly above the normal for the week. Fi nally, Chutia Nagpur has reported a general fall of 0.44 inch, while the normal is 0.50 inch, and thus the actual fall is nearly equal to the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 21st of May 1886:—

	1	3	ЕМРЕ	RATUE	ъ.					1	RAINF	ALL.			*	
	week.	week.	Avers	gesfor	week.	above or week,	(of wee	k.	Ra	ainy di	ıys.	Since		Since May	
METEOROLOGICAL DIVISIONS.	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below normal mean of	Average.	Normal average.	Variation.	Average number in week.	Normal average num- ber in week.	Variation.	Average.	Normal average.	Average.	Normal average.
OTINSA	100'4	71'4	91.7	77'4	84'6	-2.7	1 67	0.57	+1.10	21	13	+0'8	3.75	2:31	1 67	0.24
South-West Bengal	100.2	72'3	93.8	77.4	85'4	-1.8	0.97	0.85	+0.12	1.8	1.7	+0.1	4.95	3.39	0.84	0.89
East Bengal	96:2	71'8	90.6	76.3	83'4	-0.3	0.71	1.22	-0.84	1'8	2.4	-11	6.08	6.23	0.71	1.22
North Bengal	96'1	65'1	90.9	73'4	82'1	-	1.76	2.04	-0.58	1.8	2:3	-0.2	4'44	5.40	1.76	2.04
North Benar	100'2	67.3*	92.0*	74'3*	83.2*	-1:3*	1.10	0.23	+0.22	1'4	0.8	+0.6	2.29	1.97	1.10	0.23
South Benar	102.6	65.0	95.9	74.6	85'3	-6.7	0.62	0.61	+0.04	1'3	0.8	+0.2	1:35	1.45	0.62	0.61
Chutia Nagpor	98'5†	66'41	92.01	71.8†	81.94	-3.94	0.44	0.20	-0.06	11	1.3	-01	0	1 73	0.44	0.20

† Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 25th May 1886.

ALEXANDER PEDLEE,

Offg. Meteorological Reporter to the Goot, of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 16th to 22nd May 1886.

		44.0	right	neter	T	MPERA	TURE.		F	TGROM	ETRY.		WIND.			
Mouth.	Date.	Maximum in sun.	Number of hours of bright sunshine,	Mean pressure barometer at 32 Fahr.	Mean.	Maxinaum.	Range.	Minimum.	Mean wet bulb,	Vapour tension.	Dew point,	Hamičity.	Prevailing direction.	Miles recored,	Rain,	W BATHER,
		0		Inches,	0	0	. ,	0	0	Inches	0	%			Inches.	
lay	16th	152.8	9.8	29.766	84.0	80.3	14.1	76.2	79.5	0.948	77.6	82	SSE, SSW, and varia- ble.	102	0.09	Chiefly cloud
	17th	152.6	7:8	764	81.2	91.0	13.3	77.7	77.9	.913	76:5	85	ENE and variable	101	1.62	Chiefly cloud o, g, d, t,
	18th	151.4	9.8	•737	83.7	91.8	19.4	72.4	78.8	*923	76.8	81	Calm and variable	46	Nil	Partially cloud
50	19th	154.6	10.4	-744	85.2	92-9	15.0	77.9	80.3	.969	78.3	81	WSW and calm	58	,,	Partially cloud
,	20th	157.8	11.3	·767 ·	85-2	92.4	14.7	77.7	79.7	942	77 4	78	SSW and calm	56	,3	Partially cloud
29	21st	157.8	11.8	-774	86,1	93.4	15.4	78.0	80.6	.974	78.4	79	WSW and calm	54	, ,	Partially cloud
	22nd	158.5	11.9	•799	85*7	93.7	15.4	78.3	78.5	*882	75'4	72	SSW and S	67		Partially cloudy

		Inches.
The mean pressure of the seven days		29.764
The mean pressure of the corresponding period for 24 years, S. G.'s Office		29.661
		Hours.
The total number of hours of bright sunshine	***	73.3
The maximum possible number of hours of sunshine	***	92.6
		0
		84.5
The mean temperature of the seven days	•••	86 5
The average temperature of the corresponding period for 24 years, S. G.'s Office	• • • •	
The extreme variation of temperature	***	21.3
The maximum temperature	***	93:7
위하게 XXXXX : : : : : : : : : : : : : : : :		Miles.
The highest velocity of the wind in one hour	***	13
		lbs.
		. 4
The highest pressure of wind on one square foot		
		•4,
The mean relative humidity		80
The mean relative humidity of the corresponding period for 24 years, S. G.'s Off	fice	73 ng
The average relative numberly of the corresponding period to 22 years		Inches.
201 20 1 1000		1.71
The total fall of rain from 16th to 22nd May 1886	***	
The average fall of the corresponding period for 24 years, S. G.'s Office		1.00
The total fall from 1st January to 22nd May 1886	***	11.42
The average fall of the corresponding period for 24 years, S. G.'s Office		7.79
	nh and	Thermograp

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph,

and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four iset

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, < lighting, p passing temporary snowers, a devi-

A. Pedler,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, Calcutta, the 24th May 1886.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 16th to 22nd May 1886.

		1000		TEMPERA	TURE.			н	GROMETRY.		
Mon	rs.	Date.	Mean,	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point,	Humidity.	Rain.
1886			•		0	•	0	Inches,	0	%	Inche
May , ,		16th 17th 18th 19th 20th 21st 22nd	84·4 79·0 82·5 85·2 85·1 85·8 85·7	92·3 93·2 94·0 95·0 95·5 96·0 95·7	13·0 14·9 20·7 16·2 16·9 17·2 16·9	79:3 78:3 73:3 78:8 78:6 78:8 78:8	79·8 75·9 77·6 80·1 80·0 80·0 79·7	*957 *854 *882 *960 *957 *947 *934	77 · 9 74 · 5 75 · 4 78 · 0 77 · 9 77 · 6 77 · 2	81 87 79 79 79 77 76	0·0 1·5 0·0 Nil
	The ex	nean temp xtreme va	riation o	f tempera						84·0 22·7 96·0	
		ean relati		,		. 100		•••		% 80 Ins. 1.59	

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 24th May 1886. A. PEDLER,

For Meteorological Reporter to the Govt. of India,

MEMORANDUM.

The principal Municipalities in Bengal returned, during the week ending 8th May 1886, the birth and death-rates of 16:1 and 21:5 per 1,000 of population, respectively, as opposed to 17:2 and 23:8 per 1,000, respectively, in the preceding week ending 1st May, indicating a reduction in the record of both events:—

2. These events were returned in the highest proportions from the following

Municipalities :-

	Births.			Deaths.	
		Ratio per mille.			Ratio per mille.
Purneah		41.6	Beauleah		76.2
Beauleah	***	36.8	Serampore		43.2
Comillah	***	30.8	Puri		39.9
Bhagulpore	****	30.8	Purneah	***	34.6
			Gya		33.5

3. From the figures in the following table, it appears that during the week under notice the mortality from cholera and the maladies recorded under the head of "Other causes" had diminished sensibly, that the death-rates from small-pox and bowelcomplaints exhibit no variations, and that there were no marked differences in fatal results from the rest of the death-causes:-

				1	Ratio per mille durin	g the weeks ending-
					8th May 1886.	1st May 1886.
Cholera					2.2	3.3
Small-pox				•••	.1	.1
Fever	***	***	, ***	***	9.9	9.7
Bowel-complaints	• • • •			***	2.9	2.9
Injury	***	***	***	•••	6:0	.7
Other Causes	***		***	***	6.0	7.1

4. Of the abovementioned diseases cholera, fever and "Other Causes" exhibited greatest severity in the following Municipalities :-

		Cholera.				Fever.			Oth	er Causes.		
	*			Ratio per mille.			Ratio p	er				Ratio pe
	Beauleah			23.6	Beauleah			1	Serampore			21.
٨	Puri		***	10.5	Burdwan	***	 22.9		Puri			16.
	Suburbs of	Calcutta	• • • •	6.4					Bhagulpore	***	•••	15.4

5. With reference to Sex, Class and Age, the mortality stands as follows:-

According to Sex.	According to	Class.	According to	Age.
Males 22 Females 20 Ratio of male deaths to every 100 female deaths 12	7 Christians Hindus Mahomedans Budhists	Ratio per mille 30'4 * 21'0 22'3 24'2 36'4	Under 1 year 1 year and under 5 y 5 , , 10 10 , , , 15 15 , , 20 20 , , 30 30 , , 40 40 , , , 60 60 years and upward	" 12·3 " 12·7 " 12·5 " 14·6 " 13·0 " 11·0 " 18·6

R. Lidderdale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengatiff

The 24th May 1886.

				-		*				,								, *	MOR	LALIT	Y ACC	ORDI	MORTALITY ACCORDING TO	1					
		PUPUL	POPULATION.	4 (6))	BIRTHS	THS.									Disease	60 61										Sex.	
DISTRICTS. NAMES OF MUNICI-	- 101		*	2	NUMBER	- A0 B	RA OF 1	RATIO PER 1,606 OF POPULATION PER ANNUM.	1,600 FION M.	\$100 ot 8	2		DEATH	DEATHS FROM-	1			RATIO P	PRE 1,00	00 OP P.	1,000 OF POPULATION ANNUM.	TION PE	of	nt mnuu	DRATHS	. 4	RATIO PER 1,060 OF POPULA- TION PER ANNUM.	SER. M.	
		Males.	Total.	Malos.	Females.	TatoT.	Males.	Females.	Total.	Matio of male births.	Cholera.	Small-pox,	Fovers.	Bowel-complaints.	Injúry. Other causes.	VII canses.	Cholera.	Smull-pox.	Fevers.	Bowel-complaints.	- YruinI	Other causes.	All causes.	Ratio of deaths per a population per a the previous week	Males.	Females.	Malos. ,	Females.	Ratio of male deaths to every 100 female deaths.
Burdwan Burdwan	- 1 - 1	18,063 16,017	017 34,080	98	-	61	10.7	0.8	13.7	320	i	93	15		:	_	18	9.8	6.53	1.2	. :	i	2.12	4.15	13	10	37.4	16.5	280
Midnapore Midnapore	1	16,927 16,633	-	90	80	4	9.4	6.5	10.8	75	1	:	4	93.		2	1.2	:	9.5	3.1	:	1.1	9.81	8.4	6	92	9.13	÷ 55	300
Hughli and Chinsurah	ī	19,179 19,519	539 88,718	18	00	6 14	10.7	8.0	18.8	133	;	:	10	-	7	+	16		13.1	1.3	1.3	- KA	\$1.7	10.7	ю	11	18.6	8.67	45
Seramore Serampore	1	13,559 12,937	937 26,496		10	1 11	9.61	3 1.9	9.12	1,000			10	80		91	6.1 25	6	8.6	6.4	8-6	9.18	43.5	31.*	11	=	07 27	14.5	100
~	i	3,046 2,2,4	2,464 5,510	013	1		1 9.4	-	rak more	No female births.	:	i	1	-	:		:	1	F. G.		:	1	*	7.6	;	-	-	0N 1.15	male deaths.
Howrah	:		-		24	20 44	13.7			120	1	:	16	61	-	P- 01	57	9	ф ф	Ξ	ф.	4.0	13.9	20.0	13	41	12.7	19.3	왔
~	-	-	-	100						No male births.	:	:		-	: "			:	: 9	: 6	: 9	: 5	: 00	0.4.0	÷ *	: "	3 00	: 04	
24-Fergunnahy Suburbs of Calcutta	1 1	18 963 14	14 214 97 477		81.	42 73 73 7 13 13	73 64 13 11.3	3 13.2	24.6	22 23	o.	:	91 40	= :	F 8	3 10	9.2		6.6		1	9.9	18.8	15.1	9	9	0 10	9.91	150
	-		-	8.683	-	:	A. State of the last of the la	:	:	:	;		-					:	0.9	!	. :	:	0.9	:	1	,:	13.9		No female deaths.
Santipore	-	-		187	1	-	2 1.7	7 1.7	3.4	100	. :		1	:				:	1.1	1	:	:	1.1	1.7	-	· ;	8.8	:	Difto.
Jessore	1	4,830 3,	3,665 8,4	8,495		-	1 6.1		6.1	No female	:	;	;		-	:	;	:	:	:	;	;	;	18.3	;	;	;	_	* 1
Rajshahye Rampore Beauleah	"	10,768 9,	9,025 19,791	162	6	20	14 23.6	6 13.1	36.8	180	6	:	18	:	-	83	9.88	9	41.3	1	;	37	2.92	31.2	19	10	8.16	9.19	190
Darjiling"	1	-		7,976					: ;	1	1	:	1	<u>-</u>	: '			:	£ 6		;	: 7	2.9	6.5	7	; ;			No female deaths.
Narayangunge	1	7,605 4,	37,379 80,161 4,956 12.561	161	× =	1,1	1.4 6.1	1 4.1	00 00	100	01 O1	1	9	-ds 00		N 7"	7 8.3	: ·:	÷	13.4	: :	85.00	0.66	28.1	10	2 03	2 62 62	0.13	76
Chittsgong Chittsgong	i	-		22,130	4	kQ.	6	4 11.7	21.1	. 8			œ	:		-	:	:	18.8	:	1	60	- I	8.6	4	10	9.91	9.65	08
Comillab	1	8,153 5,	5,353 13,0	18,506	9	0 3	8 23.1	1 7.7	8.08	300	:		93	-				:	9.11	8.8	:	90	19.3	19.5	93	60	12.8	1-65	99
Patna City	ı	78,762 81,	81,475 160,	160,237	18	27	82 24	8.8	14.6	88	:	;	36	13	1	3	.:	:	11.7	?	ŝ		20.4	\$1.7	53	3.4	16.1	2.13	8
Gys	i	38,290 37,	87,831 76,121	121	200	14 3	39 17.0	9.6	9.97	178	64	1	66	83	-	*	1.1	-	18.1	5.0	;	9.6	33.2	2.68	33	18	43.1	1.4	172
Shahabad Arrah	ì	20,960 22,	22,505 43,	43,465	;		:	1	:		:	1	4		:		#	:	8.4	:	3	.:	20	:	1	03	10	6.9	88
Mozufferpore Mozufferpore	i	23,084 19,	19,658 42,7	42,742	*	. 8	12 4.9	9 9.7	14.6	50	1		9	63	-	2 1	55	:	7.5	67.	:	6.1	15.8	4.9	90	10	18.0	5-5	160
Durbhanga Durbhanga	1	83,774 82,	32,322 66,0	960'99	11	7	9.8 81	6.5	14.5	157	:	:	ю	-1-		8		:	6.8	0.0	1.2	4.7	15.7	6.04	œ	27	13.3	8.61	89
Chupra	1	26,044 27,		53,549	1	1	1.0	0 1.0	1.8	100	1		67	-	-	4	.:	:	1.9	8.9	:	6.8	13.7	17.6	30	ю	0.91	9.6	160
Bhagulpore Bhagulpore	:		27,813 57,453	453	11	17 34	12.4	15.4	8.08	100	-	:	10	93	1	7	30	:	4.5	3.8	6.	10.4	33.6	19.0	93	9	35:1 1	11.5	\$33
Monghyr Monghyr	a)	28,151 29,	29,386 57,520	020	6	9	1.8 9.1	1 5.4	13.6	€ 150	*	1	11	4		8 18	.:	:	6.6	9.6	:	5.53	8.91	13.6	13	ю	-	6.8	560
Purneah	1	2000	Stone:	916	8	4 12	7.12	13.8	9.19	200	í	1	•	4		2 10	-	1	13.8	13.8	1	6.9	9.48	34.3	*	-	9	9.49	99
Puri	-		537 24,784	18	8	61	678	3 4.5	10.2	150	40	i	80		8	8 13	9 10.2		6.9	6.3	1	8.91	6.68	48.3	22	-	47.1 81.2	81.2	111
Total	70	709 SUG 810 603	The same of the last	Manage Property	のは、1900年間の のは、1						1												Contract Party						

* A special censes of the Europeans in the Darjiling Municipality was recently taken, as the consequently taken in February 1881, was not reliable owing to the Europeans being at a minimum in that mosts. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been calculation owing to the census under this head not having been recorded under the authorized form of age classification.

				18	E.				14									100									M	1	
		1													MORT	MORTALITY	1945	ACCORDING	WG TO	1									
		1				Class.	60				77		de	*					•		Age								
	TOTAL STORY		DEAT	DEATHS AMONG-	-BKO			RATIO PER 1,000 OF POPULA- TION PER ANNUM.	1,000 C	F POP	ULA-				* *	DEATHS.							RATIO	RATIO PER 1,000	ao.	POPULATION	PER ANNU	σw.	
DISTRICTS.	PALITIES.	1	-	-18		.8			*81		*B:	.11	-	-	-	-	04 Tabi	der 50	09 Tebu	-dn pu	.78	5 years.	ot app	čI Tebr	oz rebn	rder 30	-	-	
		ensiteinf.	snpuj	nabomodan	steidbbnste.	ther classe	ensitsitans.	.subaiF	уврошеди	steidbbu8.	Огрет славя	Under I yea	Tobau bas	years, no and un	years.	years.	years, years,	40 and u	50 and ui	60 years a	Under 1 ye	apun pus	years, 5 and u	Yours.	15 and u	20 and m	years.	years.	years.
		-	H :	-	-	0) _	6.40	100		-	80	-	03	-	- 01	8	01	-	-	236.4	69.1	9.8.6		200.3	19.7	15.1	23.2	-
	burdwan m	:	1 :		!	1		90.1	16.6			00	6			01	_		-	63	210.0	7.55	- Confess	:	5.78	-	7.6	14.0	25.2
gro		1	10	- 33	1	i	090-1	- pil-	14.9	:) ж	,			-		-	-	*	275-7	1	14.9	;	17.5	-	ē.23.	10.1	15.9
Hughli	Hughli and Chinsurah	45	18	, n	1	:	022		707	1	:	6					- 10		-	_	146.5	172.9	\$.14	70.3	13.8	48.3	10.2		27.2
Serampore	Serampore	1			:	1	:	2 6	00	:	:		,	3								:	:	-	-	-	1	-	41.3
J	Utterpara	1	7 20		:	1	1	10.01			918.9		*0				-				151.2	46.9	16.2	4.6	:	16.0	13.2	4.4	-
Howrsh	Howrah	1.	16		1	_	!	9	9	:					-	-	:	:	:	:			· ;	:	į	1	-	1	*
0	Ball	+	: 4	•	1	1	: 27	92.1	8.18	:		52	14	_	6	10	90 19	6	00	19	272.8	45.1	5.6	26.1	14.4	17.9	19.5	13.8	24.2
24-Pergunnahs	Suburbs of Calcutta			90	-	1	. 10	-	1.25		:	7	93	93			91			-	104.8	67 - 51 - 51	30.3	18.5	:	9.13	1	15.9	1
Weildon	Alsonaghur		0	-	!			-	88.1			:	i				:	1	:	~	:	:	1		i	:	-	-	1
T	1 1	-			-				2.8	:	:	1	:	:			:	:	:	:	61.2	;	į	-	:		-	-	1
,		1		1	_				1	-	:	:	:			-		1	1	:	:	1		i				-	: 1
			-	-				78.7	74.5	;	ī		63	01	1	99		91	1	10	•	73.3	0.09	28:3	9.39	9.211	72.1	45.4	6.17
				-		:	:		. !	31.2	:	;	;	:	- - :	-		-	:	:	i		į			1	36.3		1
e `			18	10				16.7	13.2		:	NO.	93	63			÷0	-	00	10	127.0	1.51	10.2	:		17.0		67"	6.55
1								16.4	9.05		;	80	;		-		1		:	93	1.699	:	:	-		19.2		37.3	;
Chittagama	ı	ž.						0.6	21.5		_:	-	1	-			00		1	24	-	26.4	8.03	i	:	33.1	15.6	-	6.4
1	: :		•	-					36.2		-	1	. !		:	1	1		-	:	175'1	:	1	:	10.169	18.8	:	39.6*	649
1		1	: 2			1		28.5	12.7		1	90	4	10	K)	46	4	62	1	14	96.2	24.9	15.4	18-1	18.6	7.5	13.4	00	822.8
1	Green Company of the		. 8			7		6.75	9.98			11	13	63			00		03	13	319-6	106.4	65.53	1	:	10.6	12.3	9.01	12.8
1	1 1 11 11	:	3 .					0.9	90			1	:	н		1	1	•	:	;	40.4	1	10.1	1	16.9	6.9	ī	1	1
g 1	Arran	1	• •		1	1	1.	18-9	90			9		1	-1	1	63		-	:	1 326.7		11.6	13.1	17.1	12.1	1,	10.4	16.0
1	Mozumerpore	1	× ;	9	1	:		16.1	8.91	:		00	en	00	4			-	:	4	27.3	20.2	6.51	87.4	12.9	8.6	4.3	-	1
Duronanga	sgcsnorad	1	10	•	1	!	1	11.11	17.0		!	4		01	-	-		- 5		:	144.0	9.61	16.9	-	9.71	20.00	6.4	9.91	1
į .	Chupra	1	O .		1	1	ı	6 17 8	0 0	:	ı		, -		_	-	01	67	-	00	577.1	9.6	-	8.3	12.4	14.3	11.3	8.1	18.5
: 2	Bhagulpore	1	17		1	1	1	2 2 2	9 00 00 00 00 00 00 00 00 00 00 00 00 00	ì.	ı	9 -	. 4		-	-		-	61	**	85.6	\$3.4		-	13.8	20.1	1.11	91 00	7.83
1	Mongayr	100	97	η .	:		:	84.0	98-7		:				61		91	1	1	1	183.7	48.0		87.0	-	21.18	18.8	28.0	9.99
i		1	9 :	• •	1	1	1.6	38-9	1600	1	1	. •	4 60	-	-					90	686.5	86.3	23.2	-	1	8.6	2.88	81.3	9.95
	Turi																					-							

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals classed as Productive Public Works for the month of March 1886.

ORISSA CIRCLE.

Taldundah Canal.

LENGTH OF CANAL OPEN-271 MILES.

4		APPROX	IMATE	TONNAGE OF	BOATS.	Number			
boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	Number of passengers,	Ton- mileage.	Tollage.	Rate of toll per ton-mile
			LOCAL	TRAFFI	С,			***************************************	
	1,1		(1)—	PRIVATE.					
	ARTICLES OF FOOD,	Mds.	Rs.					Rs. A. P.	A. P.
22	Paddy Jaggery	7,437 234	7,175		426		4,686 275	60 10 0 3 0 0	*****
1	STAPLE OF MANUFACTURE.								
1	Mustard seed Building Materials.	182	546	245			198	2 4 0	
12	Sand cut stone Laterite rubble	3,247 3,427	290 112		190 227		3,230 3,405	30 2 0 63 0 0	
1	Unwrought timber and piles Ditto, in rafts (368 in number)	182	25 845	245	1		90	1 2 0	
	Bamboos in floats (15,600 in number) FUEL.	,	230					9 12 0	
2	Charcoal	607	130	990	80		525	4 14 0	
29				24,024	858	0.500	0.400	****	
56	Empty do,	162	50	21,607	772		3,432 9,264	119 14 0 63 14 7	
1	Kandsur reeds	217 363	20	405	11		264 140	2 12 0 2 0 0	*****
1	Chalk		150	660	24	-	600	6 8 0	
88	Total of same month last year	8,716	10,743	72,349	1,385	-	11,953	419 13 11 250 12 11	0 3
	(2)—8	TORES AN	D MATERI	ALS FOR II	RRIGAT	ION WORE	.8.		
	(2)-8 BUILDING MATERIALS.	Mds.	D MATERI	ALS FOR II	RRIGAT		8.	Rs. A. P.	A. P.
2 2 2 2	1.4			1,688 1,452 1,452	60 52 52	ON WORK	1,200 780 1,404	Rs. A. P. 8 4- 0 14 4 0 14 8 0	A. P.
2	BUILDING MATERIALS. Laterite blocks Sand stone rubble	Mds. 1,001 792	Rs.	1,688 1,452 1,452	60 52 52		1,200 780 1,40±	8 4- 0 14 4 0 14 8 0	
2	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792	Rs.	1,688 1,452	60 52		1,200 780	8 4 0 14 4 0	
2 2	BUILDING MATERIALS. Laterite blocks Sand stone rubble	Mds. 1,001 792 792	Rs. 40 41 235	1,688 1,452 1,452	60 52 52 52		1,200 780 1,404	8 4- 0 14 4 0 14 8 0	
2 2 8 1	BUILDING MATERIALS. Laterite blocks Sand stone rubble	Mds. 1,001 792 792	Rs. 40 41 235	1,688 1,452 1,462	60 52 52 52		1,200 780 1,404	8 4- 0 14 4 0 14 8 0 9 8 0 0 8 0	0 1
8 1	BUILDING MATERIALS. Laterite blocks Sand stone rubble Ghooting lime MISCELLANEOUS. Empty boats Stores, &c Total	Mds. 1,001 792 792 21 2,606	Rs. 40 41 235	1,688 1,452 1,452 2,296 54 6,937	60 52 52 52 52		1,200 780 1,404 1,476 54 4,914	8 4- 0 14 4 0 14 8 0 9 8 0 0 8 0 47 0 0	0 1
8 1	BUILDING MATERIALS. Laterite blocks Sand stone rubble Ghooting lime MISCELLANEOUS. Empty boats Stores, &c Total	Mds. 1,001 792 792 21 2,606	Rs. 40 41 235	1,688 1,452 1,452 1,452 2,296 54 6,987	60 52 52 52 52		1,200 780 1,404 1,476 54 4,914	8 4- 0 14 4 0 14 8 0 9 8 0 0 8 0 47 0 0	
8 1	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,666 4,588	Rs. 40 41 235 175 391 986	1,688 1,452 1,452 1,452 2,296 54 6,987	60 52 52 52 52		1,200 780 1,404 1,476 54 4,914	8 4 0 14 4 0 14 8 0 9 8 0 0 8 0 47 0 0 92 0 0	0 1
8 1 15 35	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,606 4,583	Rs. 40 41 235 175 391 986 ABS	1,688 1,452 1,452 1,452 2,296 54 6,937 13,910	82 52 52 248 497		1,200 780 1,404 1,476 54 4,914 10,633	8 4 0 14 4 0 14 8 0 9 8 0 0 8 0 92 0 0	0 1
8 1 15 35	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,606 4,583	Rs. 40 41 235 175 391 986 ABS	1,688 1,452 1,452 1,452 2,296 54 6,937 13,910	82 22 248 497	3,539	1,200 780 1,404 1,476 54 4,914 10,633	8 4 0 14 4 0 14 8 0 15 8 0 0 8 0 0 8 0 0 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 17
8 1 115 35	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,606 4,583 Mds. 16,058 2,606	Rs. 40 41 235 175 391 986 ABS' Rs. 10,743 391	1,688 1,452 1,452 1,452 2,296 54 6,937 13,910 FRAOT.	82 52 52 52 248 497	3,539	1,200 780 1,404 1,476 54 4,914 10,633	8 4 0 14 4 0 14 8 0 15 8 0 0 8 0 0 8 0 0 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1
8 1 15 35 33 15	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 762 21 2,606 4,583 Mds. 16,058 2,606 18,664	Rs. 40 41 235 175 391 986 ABS' Rs. 10,743 391 11,134	1,688 1,452 1,452 1,462 2,296 54 6,937 13,910 FRACT. 72,369 6,937 79,306 52,665	82 52 52 248 497 2,586 248 2,834	3,539	1,200 780 1,404 1,476 54 4,914 10,633	8 4 0 14 4 0 14 8 0 15 8 0 0 8 0 0 8 0 0 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1
8 1 15 35 33 15	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,606 4,583 Mds. 16,058 2,606 18,664 13,299	Rs. 40 41 235 175 391 986 ABS Rs. 10,743 391 11,134 12,316 MEMO.	1,688 1,452 1,452 1,462 2,296 54 6,937 13,910 FRACT. 72,369 6,937 79,306 52,665	82 52 52 248 497 2,586 248 2,834	3,539	1,200 780 1,404 1,476 54 4,914 10,633 26,109 4,914 81,023 22,586	8 4 0 14 4 0 14 8 0 14 8 0 0 9 8 0 0 8 0 0 92 0 0 0 0	0 1
8 1 15 35 33 15	BUILDING MATERIALS. Laterite blocks	Mds. 1,001 792 792 21 2,606 4,583 Mds. 16,058 2,606 18,664 13,289	Rs. 40 41 235 175 391 986 ABS Rs. 10,743 391 11,134 12,316 MEMO.	1,688 1,452 1,452 1,452 2,296 54 6,937 13,910 FRACT. 72,369 6,937 79,366 52,665	82 52 52 248 497 2,586 248 2,834	3,539	1,200 780 1,404 1,476 54 4,914 10,633 26,109 4,914 31,023 22,586	8 4 0 14 4 0 14 8 0 14 8 0 0 92 0 0 0 92 0 0 0 92 10 11 11 47 0 0 1466 13 11 342 12 11	0 1

Kendrapara Canal and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN-75 MILES.

LOCAL TRAFFIC.

(I)-PRIVATE.

-	1					APPROX	IMATE	TONNAGE (OF BOATS.	Number				Rate of
Number beats.	Na	ture	of Car	go.		Weight of cargo.	Value of cargo.	Maunds,	Tons.	of passengers.	Ton mileage.	Tolla	ge.	toll per ton-mile
	ARTI	CLES	or Fo	op.		Mds.	Rs.			-		Rs.	Á. P	. A. P.
148	Paddy					10,200	14,500	23,224	831		20,786	263	1	
78	Rice .		***	***		26,000	78,000	6 50,378	1,799	******	95,230		1	4
24	Wheat	***	***	***	***	2,100 750	8,500 3,000	3,797 1,383	136	******	5,017		6 1	448.11
10	Gram	***	***	***	***	6,200	3,100	12,973	49		1,770 12,783	19 159		******
42	Jaggery	***	***	***	***	750	3,000	1.404	50		1,332	16		
6	Turmeric	***	***	***	***	1,800	6,400	3,422	122		3,515		13 1	0
15	Salt fish	***	***	***	***	70	450	227	8		422		12	
4	Dry fish	***	***	***	***	90	400	206	7		200	3	9	, , , , , , , ,
	Dry han	***	***				400	200			200	, 0		"
	~							1						100
	STAPLES	OF W	IANUI	ACTUE	EE.									1 3 - 3
2	Jute					300	1,500	582	21		126	8	7 (
4	Hides			***		550	5,500	1,044	37		1,593	21	13	
10	Til seed		***			1,750	7,100	3,383	121		5,022	69	0 8	
	BUILD	NG I	MATEI	RIALS.			4							
1	Bricks					200	10	525	19		266	6	9	
2	Tiles					200	20	337	12		600		12 (
1	Stone	***				200	10	314	11		66	3	6	
14	Unwrough	t tin		and p	iles			7.7	,					
	(1,617 in)					400	8,500	863	31		1,242	145	14 5	2
7	Bamboos (mber)		300	1,150	612	22	******	856	92	1 7	7
- 1							177							
		Fu	EL.											
2	Coal and co	oke				500	200	1.144	41		2,214	. 22	0	0
8	Firewood	***	***		***	5,000	500	9,357	334		17,958	180	4 (
	COOKING U				HER									
8	Earthenwa	re an	d eart	henpot	s	450	50	769	27		648	10	8	
	Mi	SCELL	ANEO	US.										18.00
110	Passenger	honte						83,432	2,980	6,667	1,48,680	1.845	19	
118	Empty Empty	do.		***	***	*****	******	62,986	2,249	.,	80,040	1,845 513		0 1
5	Straw	uo.		***		150	80	480	17	*****	540	5		0
13	Oilcake			***	/	1,100	1,100	2,622	93		2,754	82	7 1	
2	Kerosine of		***			600	8,000	1,066	38		1,540			6
46	Miscellaneo			kc.		25,800	1,55,000	41,411	1,479		72,763	893		9
1	Gunny		***	***		200	1,000	390	14		756	8		6
92			T	otal		85,660	2,97,020	3,08,331	11,011	6,667	4,78,719	5,518	8	2 0 22
65	Total of sa	me me	onth le	ast ven	r., 1	1,04,930	3,26,110	3,07,722	10,990	4,108	4,75,389	5,161	19	9 0 21

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING	MATERIALS.	Mds.	Rs.					Rs. A.	P.	A. 1
7 85 1 4 2	Brick Building stones Lime Timber Sand	LANEOUS	3,000 25,000 400 500	100	5,574 43,699 660 1,167 2,638	199 1,561 24 42 94		199 28,407 1,296 1,046 1,410	33 9 460 12 13 0 8 12 26 0	0 0 0	
87 1 2	Empty boats Well curves Stores, &c			200	19,625 23 223	701 1 8	:::::	22,695 15 400	124 3 0 1 4 12	1 8 2	*
189		Total	29,000	900	73,609	2,630		55,468	671 2	5	0 23
56	Total of same m	onth last year	r 5,900	700	16,820	601		14,716	126 2	0	0 1

ABSTRACT.

		Mds.	Rs.			10.000	Strate and	Rs. A. P.	
992	Private, including miscellaneous	85,660	2,97,020	3,08,331	11,011	6,667	478,719	5,518 8 2	******
189	Government stores, including miscellaneous	29,000	900	73,609	2,630		55,468	671 2 5	*****
,181	Grand Total	114,660	2,97,920	3,81,940	13,641	6,667	534,187	6,189 10 7	
1,121	Grand Total of same month last	110,830	3,26,810	3,24,542	11,591	4,108	490,105	5,287 15 9	

MENO.	N. Carlon		ar madaine	Alle Marie Sales	Rs. A. 1	P.
Unrecovered balance on the 1st of the month	***		***	•••	6,375 4	
Amount of tollage for the month		***	***	***	6,189 10	20
The state of the s			Total		12,564 14	8
Amount credited in the accounts for the month	•••		Conditioner project	75128**	6,888 7	2
Balance at the end of the month		***			5,676 7	6

High Level Canal, Range I.

LENGTH OF CANAL OPEN-34 MILES.

lo 1		APPROX	IMATE	TONNAGEO	P BOATS.	Number	Ton-		Rate of
Numbe boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passengers,	mileage.	Tollage.	toli per ton-mile,

LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs,					Rs. A		Р.	А. Р
27 133 3 2 27 26 2	Paddy Rice Turmeric Fruits and vegetables Jaggery Salt Chillies Fish (dry)	4,100 10,200 400 100 4,000 2,050 100 150	6,000 30,600 1,200 100 20,000 6,150 500 750	7,235 19,148 619 321 7,598 4,147 302 393	258 684 22 11 271 148 11		8,772 18,896 726 363 4,607 4,292 330 364	7 3 35 43	15 9 12 0 0	0 3 0 0 0 0 0	
	STAPLES OF MANUFACTURE.										
3 10	Cotton Til seed	100 1,200	1,000 4,800	284 2,297	10 82	******	330 2,788	3 27	7	0	
	BUILDING MATERIALS.										
1 6 2	Stone Unwrought timber and piles (2,751 in number) Bamboos (8,300 in number)	100 400	3,500 150	560 175 619	20 6 22		20 156 726	323 15	6	9 6	
	FUEL.									1	
$^{1}_{25}$	Charcoal Firewood	100 4,100	50 400	252 8,304	9 296	******	$^{297}_{9,164}$	3 92	$\frac{2}{7}$	6	
	MISCELLANEOUS.				1			}			
3 212 42 28	Passenger boats Empty ,, Straw Miscellaneous goods, &c	5,000 3,000	1,500 15,200	501 25,196 13,350 5,412	18 900 477 194	34	20,064 9,018 6,238	7 100 111 63	8 2 4 5	6 3 0 0	******
556	Total	35,509	91,910	96,743	3,453	34	87,611	1,118	4	0	0 2'4
588	Total of same month last year	25,000	64,400	77,584	2,771		76,568	1,156	5	6	0 2.9

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

Malasanovi, 1777				1			1	1	1
	MISCELLANEOUS.	Mds.	Rs.					Rs. A. P.	A. P.
4	Empty boats Stores, &c	200	500	1,264 310	45 11	******	1,485 374	7 10 6 3 12 0	
5	Total	200	500	1,574	56		1,859	11 6 6	0 1.2
- 1	Total of same month last year	nin		409	15		495	2 8 0	0 10

ABSTRACT.

	THE MILES AND AND	Mds.	Rs.	1000	v m d			Rs. A. P.	
6	Private, including miscellaneous	35,500	91,910	96,743	3,453	34	87,611	1,113 4 0	*****
	Government stores, including ditto	200	500	1,574	56		1,859	11 6 6	
1	Grand Total	35.700	92,410	98,317	3,509	84	89,470	1,124 10 6	
39	Grand Total of same month	25,000	64,400	77,998	2,786		77,068	1,158 13 6	****

Unrecovered balance on the 1st of the month Amount of todiage for the month	 	-	<u>:</u>	Rs. 205 1,124	7	3
Amount credited in the accounts for the month	 e e e e e e e e e e e e e e e e e e e	Total		1,330 1,225		
Palares at the end of the mont				104	-	anch.

High Level Canal, Range II.

LENGTH OF CANAL OPEN-121 MILES.

Jo 4		APPROX	IMATE	TONNAGE O	F BOATS.	Number			Rate of
Number boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passengers.	Ton- mileage.	Tollage.	toll per ton-mile

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.					Rs. A. P.	A. P.
25 54 1 3 5	Paddy Rice Gram and khessary Pulses and other crops Jaggery Salt	4,659 112 288 747 221	3,326 11,577 448 1,152 7,470 1,105	6,652 9,267 225 677 1,495 443	238 331 8 19 53 16		2,852 4,273 96 148 636 176	41 6 0 57 6 6 1 6 6 3 9 0 9 2 9 2 12 0	
2	Saffron	70	3,380	677	5		288 60	4 3 6 0 14 0	
10	Gingelly Building Materials.	1,359	5,436	2,718	97		1,104	16 14 6	
22 29	Timber, No. 1,847 Bamboos, 1½ raft, No. 22,990							51 7 8 13 11 3	
	MISCELLANBOUS.	1					1775.14		
73 38 2	Passenger boats		980	6,076 197	217 7	141	2,480 2,480 70	0 6 0 18 14 3 9 0 0 1 9 6	
271	Total	11,218	35,574	28,628	1,017	141	12,207	232 11 0	0 3.6
360	Total of same month last year	18,800	53,750	45,954	1,641		19,582	280 13 3	0 2'8

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.				Rs. A. P.	A. P
5 37 2	Timber, No. 6			2,845 18,808	102 671	 1,224 8,052	$\begin{array}{cccc} & 0 & 10 & 6 \\ 17 & 11 & 0 \\ 117 & 6 & 0 \\ 0 & 2 & 6 \end{array}$	****** ****** *****
6 35	Charcoal Firewood		:::::	1,253 11,313	440	 528 2,049	7 10 6 76 3 0	
92 37 1	MISCELLANEOUS. Empty boats Dougahs Stores, &c		•	18,561	663	 7,243	57 4 9 9 15 0 1 13 0	*****
217	Total			53,074	1,930	 19,226	288 11 94	0 2
120	Total of same month last year	9,500	670	35,617	1,272	 11,614	193 7 9	0 3

ABSTRACT

		Mds.	Rs.			1		Ks. A. P.	
271	Private, including miscellaneous	11,218	35,574	28,628	1,017	141	12,207	232 11 0	.,
217	ditto			53,074	1,930		19,226	288 11 9	*****
488	Grand Total	11,218	35,574	81,702	2,947	141	31,433	521 6 9	
480	Grand Total of same month last year	28,300	54,420	81,571	2,913	,	31,196	475 5 0	

	Мвис	•				Rs.	٨,	P.	
Unrecovered balance on the 1st of the month Amount of tollage for the month	π.	-	Ξ	=	:	261 521	6	9*	
Amount credited in the accounts for the month	ı	7		Total	::	782 501			
Balance at the end of the month			iae y		-	280	10	6	4

^{*} Two pie is less brought forward, as the same was less shown in last months' credit.

High Level Canal, Range III.

LENGTH OF CANAL OPEN-20 MILES.

, o.		APPRO	KIMATE	TONNAGE	OF BOATS.	Number			Para et
Number boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passengers.	Ton- mileage.	Tollage.	Rate of toll per ton-mile.

LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES	OF FO	od.		Mds.	Rs.					Rs.	A. P	. A. P
4 34 3 4	Paddy Rice Jaggery Saffron	:::		:::	2,898 409 597	342 7.245 4.090 5,970	686 5,796 819 1,194	25 207 29 43		210 2,161 522 774	36 5 7	4 0 1 9 2 0 7 0	
	BUILDING !	MATER	IALS.						,				*
	Gyles, 159 Logs, 17		\ 	:::	*****				******			13 S 12 S	
	MISCELI	ANEO	US.										Ì
33 1 2	Empty boats Gunnybags Empty dongahs	:::					2,399 217	86 8	424	839 144	7 1 0	7 6 5 5	
81		To	otal		4,246	17,647	11,111	398	424	4,650	63	12	0 2
39	Total of same m	onth la	ast yes	ır	9,230	28,000	23,686	845		7,201	129	13	0 0 3

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Re.					Rs.	٨.	Ρ,	A. P.
78 1 9	Brick Lime			31,512 472 3,568 312	1,126 17 127 11	•••••	852 170 1,169 11	196 2 22 1	15	6	
i	FUEL.										
7 22	Ghooting Rubble			2,902 11,873	104 424		1,040 424	18 74	5	6	******
	MISCELLANBOUS.										
3	Empty boats * Sand Soorky			18,333 1,238 577	652 45 20		2,917 495 200	56 7 3	14 12 9	9 6 6	
215	Total			70,785	2,526		15,276	384	10	9	0 4.8
39	Total of same month last year	4,600	150	12,421	443		6,029	66	5	0	0 2.1

ABSTRACT.

81 215	Private, including miscellaneous Government stores, including ditto	Mds. 4,246	Rs. 17,647	11,111 70,785	398 2,526	424	4,650 15,276	Rs. A. P. 63 12 0 384 10 9	
296	Grand Total	4,246	17,647	81,896	2,924	424	19,926	448 6 9	
278	Grand Total of same month	13,850	* 28,150	36,107	1,288		13,230	196 2 0	

	MEMO			Rs.	A. 1	P
Unrecovered balance on the 1st of the month Amount of tollage for the month		•••	 ::	 263 448		
			Total	 711	11	6
Amount credited in the accounts for the mont	h	•••	 	 227	0	9
Balance at the end of the month			 	 484	10	9

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN-53 MILES.

LOCAL TRAFFIC. (1)-PRIVATE.

Jo .		APPRO	XIMATE	CONNAGE	OF BOATS.	Number	_		Rate o
Number boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passeugers.	Ton- mileage.	Tollage.	toll ne ton-mile
	ARTICLES OF FOOD.	Mds.	Rs.					Rs. A. P.	4
669	, Paddy	1,18,593	1,27,267	1,94,985				8,314 7 3	
67	Rice	28,655	61,231	52,800	[******		791 3 6	
45	Gram	8,010	20,804	20,150		*****	*****	239 15 0	197144
27	Fruits and vegetables Sugar, unrefined	2,305 1,620	5,667	5,890 4,025	******			73 12 3 57 12 6	*****
65	Salt	23,000	60,950	46,580			*****	480 7 0	*****
8	Curd	560	1,680	1,410				8 14 3	
	STIMULANT.								
2	Tobacco	70	460	300			·	4 5 0	
	CLOTHING.								
1	Cotton piece-goods (European)	150	10,000	525	***			11 2 6	******
	STAPLES OF MANUFACTURE.								
1	Iron	200	1,200	575				12 3 6	
1	Jute	50	200	375		*****		5 2 6	******
2	Hides (2,000 in number)	550 200	4,000	1,075				14 3 6	******
1	Indigo seed Linseed	19,600	1,600	525 36,350				11 2 6 546 10 0	******
48	Castor seed	175	437	325		******		6 14 6	*****
9	Mustard seed	1,495	5,285	3,250				32 11 0	*****
ĭ	Bones	10	50	'80				0 9 6	******
	BUILDING MATERIALS.								
3	Bricks (4,200 in number)	***	26	1,175				7 5 6	******
3	Tiles (1,800 in number)	190	18	400				3 0 0	******
39	Unwrought timber and piles	2,877	4,300	2,529				56 2 6	
	(1,425 in number) Bamboos (1,350 in number)	2,047	140	,				56 2 6 3 8 0	******
5	FUEL.		140		*****			0 0 0	*****
						-			
3	Coal and coke	1,500	463	2,950				55 3 0	******
6	Charcoal	2,700 850	2,320 85	5,100 1,525				82 3 0 32 6 6	******
2	MISCELLANEOUS.	,	09	1,020			******	* 0.0	******
								200	
12	Passenger boats			6,120		599	*****	77 14 0	*****
	Empty do	450	112	1,175		******		1,115 12 9	****
- 1	Straw (29 kahans) Oil-cake	770	933	2,575		*****		15 6 0 39 15 0	*****
	Furniture	150	1,500	450				9 9 0	
	Miscellaneous	3,500	8,538	8,250				121 9 9	
	Under charges			1,455				17 11 3	20000
25	Total	2,18,230	3,89,041	4,63,409	16,551	599	459,116	7,255 2 6	0 0 3
10 3	Petal of same month last year	4.64,436	15,59,705	12.99.770	46,420		977,069	15,323 7 0	0.0/3

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				1.00	Rs. A. P.	
	Nii								
***	Total				*****			*** 71	Server.
1	Total of same month last year	600	60	1,300	46	****	2,440	39 0 0	0 3.0

		Mds.	Rs.	and the second	nes, nuntin d	Action 1		Rs. A. P.	
2,025	Private, including miscellaneous Government stores, including	2,18,230	3,89,041	4,63,409	16,551	599	459,116	7,255 2 6	
	ditto *	******	******	******		*****		*****	*****
2,025		2,18,230	3,89,041	4,63,409	16,55,1	599	450 116	7,255 2 6	
4,911	Grand Total of same month	4,65,036	15,59,765	13,01,070	46,466		979,504	15,863 7 0	

MEMG.

Amount paid in excess which remained unadjusted on the 1st of the month on account of overpayments by Messrs. Houre, Milier & Co. for steamers and harges.

Amount of tollage on Calcutta Steam Navigation Company's steamer erroneously included in 12th August 1884

16 8 0

Amount of tollage for the month

2,219 13 10 7,255 2 6

Amount paid in excess remaining unadjusted at the end of the month ...

2,247 3 4

Nork,-Canal Ranges I and II closed for silt clearance.

Hidgellee Tidal Canal. LENGTH OF CANAL OPEN-29 MILES.

to .		APPROX	IMATE	TONNAGE	OF BOATS.	Number	_		
Number boats.	Nature of Cargo,	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passengers.	Ton- mileage.	Toflage.	Rate toll ton-m
			LOCAL	TRAFFI	C.				
			(1)—	PRIVATE.					
	Approximate Page	Mds.						1	
	ARTICLES OF FOOD.		Rs.		1	*		Rs. A. P.	A.
567 62		87,015 10,055	95,711 19,8%5	1,71.365 21,740				2,592 0 0	
1	Gram	400	900	825	***			194 14 3 5 10 9	
53 18	Lagranative	2,297 1,078	2,386	6,975	******	*****	****	94 3 6	
42		9,900	2,695 24,350	22,150	******	******		52 1 0 252 3 3	Acres
46	Oil	2,965	29,350	10,:80				252 3 3 128 10 9	1 /***
	1						.6		-
	STIMULANT.								
85	Tobacco	5,382	32,292	17,530					1.
00	10bacco	0,002	02,202	27,070		******	*****	241 9 3	
	CLOTHING.								
		2 12	100						
34	Cotton piece-goods (European)	1,390	34,750	4,900	******	******	******	56 7 6	
	STAPLES OF MANUFACTURE.								1
3	Iron	360	2,880	1,125					
7	Jute	1,750	4.750	3,800		*****	******	9 15 9 36 4 0	
4	Linseed	1,000	8,050	2,100		*****		14 7 0	****
	BUILDING MATERIALS.		1 1				17		
1	Brick	500	62	1,150				7 14 6	
2	Stone lime	200	225	400			******	2 12 0	****
1 2	Ghooting lime Portland cement	100	260	2'25 540		******		1 8 9	****
1	Sand	100	10	250				8 12 3 1 11 6	10
8	Unwrought timber and piles	855	1,420	450	///	******		13 5 9	****
	Bamboos	614	173	1,310	***		0.00	16 6 6	
-	FUEL.								
20	Coal and coke	4,490	1,571	9,625	******	******		168 5 9	*
21	Firewood	1,655	612	8,100	*****	******	******	26 4 0	****
	COOKING UTENSILS AND OTHER					i			
1	DOMESTIC IMPLEMENTS.								
10	Earthenware and earthenpots	325	111	1,560				70 0 0	
10	Barthenware and earther pots	020	***	1,000	*****	*****	******	19 8 0	*****
	MISCELLANEOUS.			1					
740	Passenger boats Empty do		******	14,062 89,255		690		1,007 1 3	*****
119	Straw	25,196	8.249	58 875				432 0	
74	Furniture	2.50	1,700 8,355	5,165			*****	9 3 0	
17	Mats	455	2,390	1,835		*****		30 11 9	******
,976		1,60,591	2,78,097	4,54,757	16 _r 241	690	316,827	5.664 10 6	0 0
-	- Harris - Barrier -	-	-	-			-		
1 459	Total of same month last year	1,24,677	2,28,335	8,41,975	12,213	******	13+,348	2,366 7 9	0 0.

	BUILDING MATERIALS.	Mds.	Rs.					Rs. A. P.	
1	Building stones	400	1,000	975				10 15 6	******
1	Lime	100 25	10 8	225 200				1 11 3	******
	MISCELLANEOUS.								
5 3	Empty boats	150	700	775 925		*		5 14 0 13 3 3	
11	Total	675	1,718	3,100	110		1,883	33 4 9	0.5
1100	Total of same month last year	15	100	50	2		20	0 5 6	0 :

ABSTRACT.

1,976	Private, including miscellane- ous. (Nove-ment stores, including miscellaneous.	CONTRACTOR DESCRIPTION	Rs. 2,78,097 1,718	4,54,757 3,100	16,241 110	690	316,827 1,883	Rs. A. P. 5,664 10 6 33 4 9	
1,987	Grand Total	1,61,266	2,79,815	4,57,857	16,851	690	318,710	5,697 15 3	*****
1,460	Grand Total of same month	1,21,692	2,28,435	3,42,025	12,215	••••	134,368	2,366 13 3	****

MEMO.

				30.00	1000		
Balance remaining to be paid into treasury on the 1st of the	mon'h		***	1,392			
Amount of tollage for the mouth	***	••	***	5,687	15	3	
Amount of the same		Total	***	7,090			
Amount paid into the treasury during the month	**	••	•••	6,520	3	3	
Amount paid in at the end of the month	err		***	559	13	9	

SONE CIRCLE. Eastern Main and Patna LENGTH OF CANAL OPEN—86 SONE CIRCLE. Eastern Main and Patna Canals. LENGTH OF CANAL OPEN-861 MILES.

Solution of the control of the contr	STIMULANTS. Depty flower	1,230 1,190 3,118 505 310 867 122 3,75 6,060 250 1,750		Maunds. TRAFF PRIVATE. 412 1,537 1,930 4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	Tons. 14. 37. 69. 175. 33. 40. 61. 12. 24. 309. 12	passengers.	807 1,900 3,136 12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	Rs. A. P. 7 9 9 23 7 0 30 7 0 124 11 6 19 11 3 29 14 6 41 3 9 21 10 3 16 12 9 224 13 3 10 2 6 23 5 9 33 14 3 675 11 3	toll p ton-mi
S Pur Jaga S Project S Sal Spir S Sal Spir S Sal Spir S Sal S	stand other crops	165 1,280 1,199 3,118 505 310 867 122 3,75 6,060 250 1,750	Rs. 420 445 4.060 7.380 5,500 3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	PRIVATE. 412 1,037 1,930 4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	14 37 69 175 33 40 61 12 24 309 12 110 150		1,900 3,136 12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	23 7 0 9 9 23 7 7 0 124 11 6 19 11 3 29 14 6 41 3 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
Solution of the control of the contr	stand other crops	165 1,280 1,199 3,118 505 310 867 122 3,75 6,060 250 1,750	Rs. 420 4445 4.000 7.380 3,500 3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,113 1,930 4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	37 69 175 33 40 61 12 24 309 12		1,900 3,136 12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	23 7 0 9 9 23 7 7 0 124 11 6 19 11 3 29 14 6 41 3 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
Solution of the control of the contr	stand other crops	165 1,280 1,199 3,118 505 310 867 122 3,75 6,060 250 1,750	420 445 4.060 7.380 3,500 3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,037 1,930 4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	37 69 175 33 40 61 12 24 309 12		1,900 3,136 12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	23 7 0 9 9 23 7 7 0 124 11 6 19 11 3 29 14 6 41 3 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
Solution of the control of the contr	STIMULANTS. STIMULANTS. STIMULANTS. SPECIAL SOFT MANUFACTURE. Idea	1,230 1,190 3,118 505 310 867 122 375 6,060 250 1,750	445 4.060 7.380 8,500 3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,037 1,930 4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	37 69 175 33 40 61 12 24 309 12		1,900 3,136 12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	23 7 0 30 7 0 124 11 6 19 11 3 29 14 6 41 3 9 2 10 3 16 12 9 224 13 3 10 2 6 23 5 9 33 14 3 675 11 3	
Sal Spi Sal Spi Sal Spi Sal Spi Sal High Hoo Lin Mu Sal Sal High Hoo Lin Lin Mu Sal Sal High Hoo Lin Lin Mu Sal Sal High Hoo Lin Lin Mu Sal Sal High Lin	STIMULANTS. STIMULANTS. SPECIAL STATES OF MANUFACTURE. STAPLES OF MA	\$,118 505 310 867 122 \$,775 6,060 250 1,750	7.380 5,500 3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	4,889 936 1,113 1,751 338 665 8,643 346 2,940 4,199	175 33 40 61 12 24 309 12 110 150		12,492 1,998 3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	29 14 6 41 3 9 29 14 6 41 3 9 210 3 16 12 9 224 13 3 10 2 6 23 5 9 33 14 3 675 11 3	
ST. Sal Hid Mu ST. Sal Hid Mu Sal Hid	STIMULANTS. Depty flower	310 867 122 375 6,060 250 1,750	3,100 1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,113 1,751 338 665 8,643 346 2,940 4,199	12 24 309 12 110 150		3,018 4,043 252 1,653 21,951 1,020 2,247 3,271	29 14 6 41 3 9 2 10 3 16 12 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
ST. ST. SHIP ST. ST. SHIP HOOF I MU Ban TO COC Mi SPAN ST. SUN BU BAN TO	pppy flower	\$67 122 \$75 6,060 250 1,750 125	1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,751 338 665 8,643 346 2,940 4,199	12 24 309 12 110 150		252 1,653 21,951 1,020 2,247 3,271	2 10 3 16 12 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
ST. ST. SHIP ST. ST. SHIP HOOF I MU Ban TO COC Mi SPAN ST. SUN BU BAN TO	BUILDING MATERIALS, mwronght timber and piles millahs (28,467 in number) millahs (28,	\$67 122 \$75 6,060 250 1,750 125	1,110 244 3,250 19,030 600 1,355 1,420 17,705	1,751 338 665 8,643 346 2,940 4,199	12 24 309 12 110 150		252 1,653 21,951 1,020 2,247 3,271	2 10 3 16 12 9 224 13 3 10 2 6 23 5 9 53 14 3 675 11 3	
Sal Hie Ho Lin Mu	dispetre	3,685	3,250 19,030 600 1,355 1,420 17,705	965 8,643 346 2,940 4,199	24 309 12 110 150		1,653 21,951 1,020 2,247 3,271	224 13 3 10 2 6 6 23 14 3 675 11 3	
Hicher Hard Hard Hard Hard Hard Hard Hard Har	BUILDING MATERIALS, meronght timber and piles illahs (28,467 in number) imboos, hill (18,59,950 in imber, rafts 73) FUEL. OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. ill stones MISCELLANEOUS. ASSENGER boats impty boats inpty input inpty boats inpty boats inpty boats inpty input inpty boats inpty input	3,685	3,250 19,030 600 1,355 1,420 17,705	965 8,643 346 2,940 4,199	24 309 12 110 150		1,653 21,951 1,020 2,247 3,271	224 13 3 10 2 6 6 23 14 3 675 11 3	
Un Mu Lin Mu Lin Mu Bu Bu Bu Bu Cha Coo Mi Cha Coo Mi Too Too	BUILDING MATERIALS, newronght timber and piles illahs (28,467 in number) imboos, hill (18,59,950 in number, rafts 73) FUEL. BETCOBL	1,750 1,750 1,25	19,030 600 1,355 1,420 17,705	8,643 346 2,940 4,199	110 150		21,951 1,020 2,247 3,271	224 13 3 10 2 6 23 5 9 33 14 3 675 11 3	
Un Bu Bai Bai Cha Coo Mi Coo Mi S Para Mi Strain Sugar Full Sugar	BUILDING MATERIALS, newrought timber and piles illahs (28,467 in number) imboos, bill (18,59,950 in imbor, rafts 73) FUEL. BATCOBL OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. ill stones MISCELLANEOUS. BASSENGER boats INDITY boats	1,750	1,355 1,420 17,705	2,940 4,199	110 150		2,247 3,271	23 5 9 33 14 3 675 11 3	
Un Bu Ban nu Ban	nwrought timber and piles illahs (28,467 in number) illahs (28,467 in number) illahos, hill (18,59,950 in illahos, hill (18,59,950 in illahos, rafts 73) FUEL. OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. ill stones MISCELLANEOUS. INSEED TO STANKE INDITY boats INDITY boats INDITY boats INDITY boats INDITY boats INDITY boats INDITY OF THE STANKE	125	1,420 17,705	4,199	150		8,271	53 14 3 675 11 3	
Bu Ban nu	Allahs (28,467 in number) Imboos, hill (18,59,950 in number, rafts 78) FUEL. BATCOBL OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. Ill stones MISCELLANEOUS, BASSENGER boats INDEX boats	125	1,420 17,705	4,199	150		8,271	53 14 3 675 11 3	
Character Cook	mboos, hill (18,59,850 in number, rafts 73) FUEL. BETCOAL OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. ill stones MISCELLANEOUS. BESENGER boats INTERVALENCE	125	17,705	*****				675 11 3	
Charles Cook Cook Page Mi Strain Funda Strai	FUEL. BERCORI OKING UTENSIL AND OTHER DOMESTIC IMPLEMENT. Ill stones MISCELLANEOUS. BESENGER boats INTERVALENCE	3,685	100				1		*****
Charles Cook Cook Mi Same Paul Same Paul Sugar Su	oking Utensil and other Domestic Implement. ill stones Miscellaneous, ussenger boats pty boats	3,685		231	8		172	1 13 3	
Paul Paul Paul Paul Paul Paul Paul Paul	DOMESTIC IMPLEMENT. ill stones Miscellaneous, ussenger boats npty boats raw	3,685				1			
Pau Mi S Pau S En	MISCELLANEOUS. ussenger boats				l				
Pau End Sur Full Full Full Full Full Full Full Fu	MISCELLANEOUS, ussenger boats unpty boats			5,606	200		15,464	80 9 3	
Europe String St	nsenger boats		1 -						""
Europe String St	npty boats	1		255	7	57	255	3 3 3	
Full Full Full Full Full Full Full Full	geroene wille	185	80	6,038 567	220 21		8,983 201	43 8 9 1 14 9	******
Glas Gui	rniture	200 50	3,920	303 134	11 5		55 25	0 9 0	
Exe Tol to	ass	3,170	15,420	5,103	182		13,075	132 9 0	
To	cess tollare	475	3,100	1,231	- 44		2,721	28 1 9 0 15 6	
To	llage on steamer hired out Mr. Hodges							350 0 0	
	Total	23,862	87,619	48,808	1,749	57	98,950	1,709 9 9	0 3.3
1	otal of same month last year	36,877	1,57,436	67,2753	2,4391		152,8054	2,770 15 0	0 3.4
1	(2)—	STORES AN	D MATER	IALS FOR I	RRIGAT	ION WORE	8.		V
1		- Mds.	Rs.		Mds.	1		Rs. A. P.	A. P
1	BUILDING MATERIALS.							1/10/10/20	
Brie	ick		70	925	83		693	3 5 3	
-1	Il bamboos, (1 raft) Total		70	925	33		693	1 0 0	0 1.5
Tot	tal of same month last year	270	420	1,027	341		,585	13 13 3	0 17
1200	an or state of					1	1		
1 -			Δ1	STRACT.	Acceptance	1	1 1	V	1
Priv	vate, including miscellane-	Mds.	Rs.		Mds.		11/2/20	Rs. A. P.	
Gov	vernment stores, including	23,862	87,619	48,808	1,749	57	98,950	1,709 9 9	
- 03%	0 (m-+-)	99 989	97.090	925	33	57	693	1,713 15 0	
Ded	duct error	23,862	87,689	49,738	1,782		99,643	6 14 3	
	nd Total of same month last				1000		Print and the	1,707 0 9	
	ear	37,147	1,57,856	68,3023	2,474		1,54,390	2,784 12 3	
				WWO:				Re 4	
		the 1st of t		EMO.			<u></u>	Ra. A. P.	
	Unrecovered balance or	THE RESERVE AND ADDRESS.				Total		1,707 0 9	

Western Main Canal.

LENGTH OF CANAL OPEN-22 MILES.

r of		APPROX	IMATE	TONNAGE	OF BOATS.	Number	Personal and		
Numbe	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of	Ton- mileage.	Tollage.	Rate of toll per ton-mile.

LOCAL TRAFFIC.

(1)-FRIVATE.

	STAPLES OF MANUFACTURE.	Mds.	Rs.	, ,				Rs. A	. P.	A. P.
	Bone Linseed	325 600	162 1,200	525 850	19 30	::::::	936 660	10	8 0	
	BUILDING MATERIAL.									
	Rubble stone	155	10	250	9		128	0 1	2 6	
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.									
	Grind mill stone	1,125	165	1,425	50		1,100	5 1	2 6	
	MISCELLANEOUS.									
	Passenger boat Empty boats Tollage of cargo-boat received			600	21		426	2	1 3	
	from Mr. Hodges, Rs. 16 * Ditto from Sectul Singh, Rs. 48	}		,		•••••	***	64	0 0	
~	Total	2,205	1,537	3,650	129		3,250	88	7 8	0 5
_	Total of same month last year	5,998	11,815	9.750	346		11,009	101	3 (

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	Mds.	Rs.				Rs. A.P.	4. P.
 Nil		******			 o t		•••••
 Total Total of same month last year	300	400	400	14	 224	2 8 0	0 2.1

-	rivate, including miscellane- ous.	Mds. 2,205	Rs. 1,537	3,650	129		3,250	Rs. A. P. 88 7 3	
100	ditto			******		*****	y-111		******
10	Grand Total	2,205	1,587	3,650	129		3,250	88 7 3	
26	Grand Total of same month	6,298	12,215	10,150	354		20,715	103 11 0	

10.15	MEMO).			Rs. A. P.	
Unrecovered balance on the 1st of the month Amount of tollage for the mouth			ven		 9 0 6 88 7 8	
Amount credited in the accounts for the month				Total	 97 7 9 97 7 9	
Balance at the end of the mouth					 Nil.	

Arrah Canal.

LENGTH OF CANAL OPEN-65 MILES.

Jo J		APPROX	KIMATE	TONNAGE	F BOATS.	Number	Ton-		Rate of
Number boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	ot passengers.	mileage,	Tollage.	toll per ton-mile,

LOCAL TRAFFIC.

(1)-PRIVATE.

-	Annual Control of the	-		-		-	_	-	-	-	
	ARTICLES OF FOOD.	Mds.	Rs.			1		Rs.		. P.	A. P.
1	Rice	97		147	5		290	2	11		
84	Jaggery	16,074	48,222	24.474	874		63,096	342	0	6	
32	Sugar	7,972	79,720	11,172	809		36,758	160	14	9	******
25	Salt	6,011		8,511	304		15,518	140	2	6	******
	STIMULANT.					1	1	. 14			*****
a	Tobacco	125	1,000	168	6		348	3	4		
	CLOTHING.										-
. 1	Cotton piece-goods (Indian)	70	5,295	120	4		84	0	13	0	******
	STAPLES OF MANUFACTURE.						t !				
8	Linseed	1,720	5,160	2,520	90		6,173	45	11	3	
ĭ	Til seed	120		220	. 7		406	4		0	******
	BUILDING MATERIALS.								¥11	1	4
3	Building stores	343	68	563	20		1,169		11	9	40
2	Stone lime	321	80	421	15		870			0	******
	Bullahs Bamboos } (819,829 in number)							223		9	
	FUEL.						1			1	
	Coal and coke	700	953	000	20	, J	AMD				
2	Coal and coke	702	351	902	32		672	3	9	0	******
	MISCELLANEOUS,	1				- 1					
4	Passenger boats			13,886	496	15	18,220	89	2	3	
151	Empty boats			201	7		396			3	******
2	Furniture	13	875	213	8		336	3		0	
•••	Received from Mr. Hodges through Dehree Workshops		1	. 1				024	4	-	
	Received from Buxar Division					******	******	264	0	0	******
	toll on three cargo-boats	*****						192	0	0	
		1	1 /							1	
315	Tots	33,588	1,58,858	63,518	2,267	15	1,24,321	1,501	8	3	0 2'5
010		-		-	-					-	-
212	Total of same month last year	30,618	99,861	45,245	1,612		79,803	1,547	12	9	0 37

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.		1000		Rs. A. P.	
1	Building stones Lime or Portland cement	264 35	56 70	360 162	13	 481 ,126	2 6 6 1 3 6	10111
	MISCELLANEOUS.			1000				1
1 2	Empty boats Stores, &c	266	60	135 466	16	 80 928	0 13 9 9 13 6	*****
5	Total	565	186	1,123	40	 1,615	14 5 3	0 1
2	Total of same month last year	186	93	380	12	 192	1 2 9	0 1

		Mds.	Rs.					Rs. A. P.	
315	Private, including miscellaneous	33,598	1,58,858	63,518	2,267	15	1,24,321	1,501 8 3	
5	ditto	563	186	1,123	40		1,615	14 5 3	111-11
320	Grand Total	34,153	1,59,044	64,641	2,307	15	1,25,936	1,515 13 6	
214	Grand Total of same month last	30,801	99,954	45,625	1,624		79,995	1,548 15 6	

	MEMO.				Rs. A. P.
Unrecovered balance on the 1st of the month Ancunt of tollage for the month	::	=	:		79 3 9 1,515 13 6
Amount credited in the accounts for the menth			Total ~	=	1,595 1 3 1,580 12 0
Balance at the end of the month	•••				14 5 3

Buxar Canal.

LENGTH OF CANAL OPEN-45 MILES.

Jo 2	Santa Company	Approx	CIMATE	TONNAGE O	F BOATS.	Number	Ton-		Rate of
Number boats.	Nature of Cargo.	Weight of cargo.	Value of cargo.	Maunds.	Tons.	of passengers.	mileage.	Tollage.	toll per ton-mile,

LOCAL TRAFFIC.

(1)-PRIVATE.

			and the same of th				and the second second		i .
	ARTICLES OF FOOD.	Mds.	Rs.				· , [Rs. A. P.	A. P.
2 1 60 1	Rice	496 300 18,005 287	696 200 52,665 861	741 400 22,917 343	26 14 818 12	******	620 770 27,606 804	$\begin{array}{cccc} 8 & 0 & 0 \\ 8 & 12 & 0 \\ 346 & 7 & 0 \\ 9 & 12 & 0 \end{array}$	
	BUILDING MATERIALS.								
1 3	Lime	315 750	65 50	390 1,050	14 37	******	770 312	6 9 0 5 14 6	•••••
	Beams and burgahs—poles 7,423 Bullahs 140	}						* 524 3 6	
	Miscellaneous.	,							- 79
74	Empty boats			5,475	195		5,670	37 15 0	· · · · · ·
	Tollage of steamer received from Mr. Hodges	******						150 0 0 1 0 0	•
142	Total	20,153	54,537	31,316	1,116	******	36,552	1,098 9 0	0 3.0
99	Total of same month last year	9,834	21,049	17,550	. 629		16,617	973 8 0	0 7.7

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

		And the Control of th				 -	And a second district of the last of the l	The second secon
-	MISCELLANEOUS.	Mds.	Rs.				Rs. A. P.	A. Pu
	Empty boats Furniture Stores, &c	5 225	400	150 125 325	5 4 11	 108 32 396	0 9 0 0 12 0 4 7 6	
5	Total	230	402	600	20	 536	5 12 6	0 2.0
- 7	Total of same month last year	875	900	700	24	 744	7 0 3	0 0.5

ABSTRACT.

		Mds.	Rs.				Rs.	Α.	P.	1.1
142	Private, including miscellaneous	20,183	54,537	31,316	1,116	 36,552	1,098	9	0	*****
5	Government stores, including	230	402	600	20	 536	5	12	6	
147	Grand Total	20,383	54,939	31,916	1,136	 37,088	1,104	5	6	
162	Grand Total of same month last	10,209	21,949	18,250	653	 17,361	980	8	8	

y	inmo.					Rs.	A.	P.	
Unrecovered balance on the 1st of the month Amount of tollage for the mouth						29 1,104	5		•
				Total	***	1,183	5	6	
Amount credited in the accounts for the month	_		-			1,078	4	3	
Balance at the end of the month		-		•	-	55	1	3	

.

ABSTRACT FOR THE MONTH OF MARCH 1886.

	TRAFFIC	0, 1885-86.	TRAFFIC	, 1884-85.	
CANAL.	During the month.	To end of the month.	During the corresponding mouth.	To end of the corresponding month.	REMARKS.
JEISSA CIRCLE.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.P.	
Esidunds Kendrapars High Level, Range 1	6,189 10 7 1,124 10 6 521 6 9	1,988 12 3 48,863 8 6 8,336 13 5 3,654 4 7 1,563 7 3	342 12 11 5,287 15 9 1,158 13 6 475 5 0 196 2 0	3,148 14 4 39,347 15 7 7,623 13 9 3,198 8 5 1,098 2 3	
Total Orissa Circle	8,751 0 6	64,406 14 0	7,461 1 2	54,417 6 4	
SOUTH-WESTERN CIRCLE.					*
fidnapore	7,255 2 6 5,697 15 3	1,23,409 2 6 52,476 8 3	15,362 7 0 2,366 18 3	1,21,456 11 0 41,298 9 3	
Total South-Western Circle	12,953 1 9	1,75,885 10 9	17,729 4 3	1,62,755 4 3	
SONE CIRCLE.					
astorn Main	1,707 0 9 88 7 3 1,515 13 6 1,104 5 6	19,511 0 10 2,024 2 3 14,807 15 7 5,364 2 9	2,784 12 3 103 11 0 1,548 15 6 980 8 3	23,143 6 2 1,211 7 9 9,105 14 9 3,936 15 9	
Total Sone Circle	4,415 11 0	41,707 5 5	5,417 15 0	37,397 12 5	
GRAND TOTAL	26,119 13 3	2,81,999 14 2	30,608 4 5	2,54,570 7 0	400

GOVERNMENT TRANSPORT SERVICE.

			TRAFFI	c, 1885-	86.				TRAFFI	c, 188	6-85.		
*	During the month.			To				During the orresponding month.			To end of the corresponding month.		
CABAL	Passengers.	Goods.	rotal receipts.	Passengers.	Goods,	fotal receipts.	Passengers,	Goods.	Total receipts.	Passengers.	Goode,	in.	Total receipt.
ORISSA CIRCLE.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs, A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs.	A. P
Taldunda and Kendrapara High Level	1,106	3,323	1,653 12 0	13,425	41,557	19,257 2 5	1,227	7,990	2,147 14 0	7,420 10,024	9,810 29,121	10,589	
Total Orissa Circle	1,108	3,323	1,653 12 0	13,425	41,557	19,257 2 5	1,227	7,990	2,147 14 0	17,444	38,931	23,752	7 1
South-Western Circle.	-						-		-				10%
Midnapore				81,206	88,604	3,421 11 8	13,843	1,282	750 0 0	167,677	10,709	9,000	0 (
Total South-Western Circle Sone Circle.				81,206	38,604	3,421 11 8	13,843	1,282	750 0 0	167,677	10,709	9,000	0 0
Bastern Main and Patna Western Main and Buxar Arrah	3,917	3,550 13,801	135 0 0 150 0 0	42,410	44,162 1,03,157	1,578 4 3 3,120 9 11	:::	4,675	258 10 0 666 10 6	5,420 8,009	4,068 35,119 8,104		ê 7 9 8 6 6
Total Sone Circle	3,917	17,351	285 0 0	42,410	1,47,819	4,698 14 2		4,675	925 4 6	13,429	47,291	14,304	10 4
GRAND TOTAL	5,025	20,674	1,938 12 0	137,041	2,27,480	27,377 11 10	15,070	13,947	3,823 2 6	198,550	96,931	47,057	1 5

TOTAL NAVIGATION RECEIPTS.

		TRAFFIC	, 1885-86.	TRAFFIC	1884-85.	
19 3 49 1		During the month.	To end of the mouth.	During the corresponding month.	To end of the corresponding month.	Remares.
186		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
rissa Canais		7,255 2 6 5,697 15 3	83,664 0 5 1,26,836 13 9 52,476 8 3 46,406 3 7	9,608 15 2 16,112 7 0 2,366 13 3 6,343 8 6	78,169 13 5 1,30,456 11 0 41,298 9 3 51,702 6 9	
GRA	ND TOTAL .	. 28,058 9 3	3,09,377 10 0	34,431 6 11	3 01,627 8 5	

D. B. HORN,

CALCOTTA, The 25th May 1886.

Under-Secretary to the Guet, of Lengal,

IRRIGATION BRANCH.

Statement showing heights over mean rea-level and low water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Brahmapootra, for the month of April 1886.

DRAHMAPOOTRA,	natty.			Height over mean sea-level.		152'36 151'86 151'66 151'66 151'46 153'66	15756 132 66 15186 15176 15086 1576	149 56 149 66 149 66 151 16 151 16 155 36 155 36 155 36 158 46 158 26 158 26 15
DEAHMA	Gownatty		-	Height over zero of gauge.		3.69 3.10 3.10 2.75 5.75 5.75 6.75 6.75 6.75 6.75 6.75 6	8.98.0 8.10 8.40 11.40 11.40	0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.90
oghur	agunt.			Height over mean sea-level.		9°41 9°37 9°37 9°37	10.71 10.41 10.04 9.66 9.37 9.37 9.21 9.21	9 9 9 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Krichnaghur	Arisun			Height over zero of gauge.		0.62 0.78 0.78 0.78 0.78 0.78 0.78	1.6.2 6.7.2	0.25 0.35 0.55 1.58 1.92 1.92 1.92 1.92 0.73 0.73 0.56 0.56
nore.	-bosos	, 1		Height overmean sea level.		27.85 27.85	00000000000000000000000000000000000000	37.74 37.68 37.68 37.68 37.68 37.60 37.40 37.61 37.61 37.61 37.61 37.61
Berhampore	The state of the s			Height over zero of gauge.		4 4 11 2 2 1 1 2 2 4 4 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 2	\$0.4 \$0.4 \$0.4 \$0.4 \$0.4 \$0.0 \$0.0	9.99.99.99.99.99.99.99.99.99.99.99.99.9
ndo.		.021	Prom Rampore			10.46 11.19 11.17 12.19 12.52	12.61 12.63 12.85 13.11 13.11	12.52 12.53 12.53 12.54 12.54 12.53 13.53 12.53
Goalundo.		.163	From Benares	Height Height over zero over mean of gauge, sea-level.		1.50 1.50 2.23 2.23 3.21 3.21 3.23 5.23 5.23 5.23 5.23 5.23 5.23 5.23	50 50 50 50 50 50 50 50 50 50 50 50 50 5	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Beauleah.		.06	From Sahib.	Height over mean sea-level.	Below zero.	40.25 40.25 40.21 40.17 40.17 40.04	\$9.96 \$9.90 \$9.77 \$9.77 \$9.75	23.02.2 20.02.2 20.02.2 20.02.2 20.02.2 20.02.2 20.02.2 20.02.2 20.02.2 20.02.
Rampore Beauleah.		.174	From Benares	eight Height Height tr zero or sauge, sea-level, of gauge.	Below	17.1. 1	99999999 01198888	2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
unge.		*16	From Monghyr	Height over mean sea-level.	Below zero.	65 175 65 67 65 67 65 58 65 58 65 58	65.33 65.25 65.17 65.17 65.18 65.08	65 00 65 00 65 16 64 93 64 93 64 75 64 65 64 65 64 65 64 65 64 65 64 65 64 65 64 65 64 65
Sahebgunge.		.182	From Benares	Height over zero of gauge.	Below	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	91 91 91 91 91 4 94 F F F F F S S S S S S S S S S S S S S S	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
iyr.		'011	этодви іО шотЧ	Height over mean sea-level.	zero.	99.77 99.75 99.65 99.56 99.58	99-43 99-31 99-31 99-27 99-18 99-18	99708 99708 99708 98889 98871 98860 98860 98860 98860 98860 98860 98860 98860 98860
Nonghyr.		.782	From Benswes	Height over zero ofgauge.	Below	2.08 2.10 2.17 2.29 2.29 2.29 2.29 2.29	(2) (2) (2) (3) (3) (4) (4) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ore.		.78	From Buxar	Height over mean sea-level.		142.43 142.53 142.53 142.53 142.23	142.23 142.13 142.13 142.13 141.98	141.83 141.73 141.63 141.63 141.64 141.66 141.66 141.63 14
Dinapore.		.771	From Benarce	Height over zero of gauge		8-20 8-15 8-16 8-05 8-05 8-05	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7756 7756 7756 7756 7756 7756 7756 7756
6				Height over mean sea-level.		171.95 171.05 171.05 170.97 170.97	170.88 170.72 170.72 170.72 170.47	170-38 170-38 170-39 170-13 170-13 170-13 169-92 169-72 169-72 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73
Buxar.		.00	From Benares.	Height over Zero of gauge.		1.83 1.83 1.83 1.83	183 175 167 167 158 142	1.33 1.33 1.13 1.13 1.13 1.13 1.13 1.13
res.		'81	From Mirza-	Height over mean sea-leyel.	4.	197.80 197.72 197.63 197.55 197.75 197.47	197.30 197.30 197.13 196.95 196.94 196.90	
Benares.		* \$\$1	Prom Allaha-	Height lover zero of gauge		1.00 0.92 0.83 0.75 0.75 0.67	0.50 0.85 0.85 0.17 0.14 0.00	0.08 0.29 0.29 0.35 0.35 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7
Mirzapore.		*98	proq	the Height Heigh		20672 20672 20672 20673 20673 20673 20673 20673		205 -54 205 -54 205 -52 205 -52 205 -52 205 -52 205 -53 205 -5
Mirzs			-sdallA mora	Height over zero of gauge.		0.50 0.50 0.33 0.25 0.17 0.00 Below		· 1000 1100 1123 1123 1123 1124 1125 1125 1125 1125 1125 1125 1125
1_	1	Miles	Distance.			11:11:11	111111	
			DASE.			re stad	######################################	18th 17th 17th 17th 17th 18th 18th 18th 18th 18th 18th 18th 18

D. B. Horn, Under-Secy. to the Goct. of Bengal.

The 25th May 1886.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 22nd of May 1886.

Number of boats.		Natu	are of cargo.	-		Weight of cargo.	Tollage.
						Mds.	Rs.
289	Rice and paddy		***	•••		74,399	1,905
14	Jute	•••	•••	•••	***	9,000	16€
189	Firewood			***		99,000	1,458
756	Other articles	***	• • •	•••	• • • •	3,04,111	3,792
1,248				Total	***	4,86,510	6,753

Nalhati State Railway.

Statement showing Increases and Decreases in maundage of Staples carried over the line during the month of April 1886, as compared with the corresponding period of April 1885.

	18	85.	18	86.	1885.	.1886.	T	
STAPLES.	Up.	Down.	Up.	Down.	Total.	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
XXX. 1 & 2. Silk and silk cloth XIV. 2. Edible grains XXII. 1 & 3. Brass and bell-metal ware XXXII. 1 & 3. Brass and bell-metal ware XXXIII. 1 & 2. Sugar and jaggree VIII. 4. Piece-goods VII. Cotton XXIX. 1 & 2. Seeds of all sorts VI. Coal XXXVIII. Sindries XXVIII. Sandries XXVIII. Salt XII. 1. Jute XXXVIII. 1. Revenue stores XXXVIII. 1. Revenue stores XXXVIII. 1. Total	33 7 16 61 3 18 174 65 18 75 37	18 10 1 1 32 3 65	1 41 5 9 51 13 39 595 125 4 33 5	11 105 1 233 72 1 2	18 43 8 16 61 3 19 174 97 18 75 40	12 146 6 9 51 13 272 595 197 4 1 35 5	103 10 253 421 100 5	118
1000		00	, , ,		0.2	2,020		-
		In	CREASE.				Tons.	
Edible grains This increase is due to fair crop in thi	s year.	,		, .			103	
Cotton This increase is due to less import dur		s month		***	•••	***	10	
Seeds of all sorts						٠,	253	
This increase is due to fair market pric		* ***			do h	fore	421	
This increase is due to merchants not lalso to extensive brick-burning for repairs	of building	s damaged	by earthque	ike.	a to ao o	erore;		
Sundries This increase is due to less import of	during the	previous 1	months; als	so to fair	market pri	ice of	100	r e
onion and garlic at Calcutta Tusser cocoon This is a new traffic from Barakar.			•••				5	
		DECRI	EASE.					
Silk and silk cloth			***		***		6	
This decrease is due to low rate. Sugar and Jaggree This decrease is due to previous stock	not being	exhanated					7	
Piece-goods	***	***			,		10	
This decrease is due to distress prevali	ing in the	district owi	ng to the la	st inundati	on.		14	
This decrease is due to carriage by bo		100					74	
Jute This decrease is due to low rate.	•••	•••		"	•••		3	
NALHATI, the 19th May 188	6.				R. G.	MOOKER	JEE, Ma	nager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 1,515 miles open.

The second secon	about the second street of the	A service which was a state of the service of the s	to be one at the self-or the plants of the burner tender	de opposite de la company de l	The second second second			1000	STATE TO SERVE
	COACHIN	G TRAFFIC.		AND MINERAL PRIC.	Other	m	TRAFFIC	TRAIN-MILE	ES RUN.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	Other earnings (estimated),	Total earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			1
er mile of railway previous 18 weeks of half-	262,225*	2,70,979 2 0* 178 13 10	29,48,803 10	7,46,028 6 0 492 6 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10,37,759 15 0 684 15 10		130,966	197,703
previous 18 weeks of	4,381,864	51,54,337 6 0	5,07,47,662 30	1,23,91,743 13 6	3,81,495 8 9	1,79,27,576 12 3	1.223,0044	2,091,889‡	3,314,894
Total for 19 weeks	4,644.089	54,25,316 8 0	5,36,96,466 0	1,31,37,772 3 6	4,02,247 15 9	1,89,65,336 11 3	1,289,7411	2,222,855	3,512,597
for corresponding week previous year alle of railway corresponding	200,9801	1,96.670 10 0	29,89,234 10	8,75,797 10 6	28,726 0 6	11,01,194 5 0	65,210	152,160	217,370
ek of previous year	******	130 4 7		580 3 1	19 0 6	729 8 2	,		
evious year	4,518,7241	55,25,928 8 9	5,03,00,988 20	1,29,66,211 6 11	4,15,843 6 11	1,89,07,983 6 7	1,329,184	2,247,470	3,576,654

[•] The increase in coaching traffic is partly due to marriage ceremonies owing to the time being propitious, and partly to the running of extra troop trains old balpore and Gháziabad to Allahabad and Howrah, respectively.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Kailway, dated 23rd July 1883.

RR	CEIPTS FOR WE	EK 1885.		ECEIPTS FOR WE		TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 16TH MAY 1885. TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.					Total	Total	
Mean leage rked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.			Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1509 }	1,11,194	730	1,515	10,37.760	685	1,509}	69,23,220	4,586	1,515	65,54,131	4,326		8,69,089

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 571 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRAF	AND MINERAL FIG.	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
	,	Rs. A. P.	Mds. 8.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
altraffic for the week per mile of railway previous 18 weeks of half-year	13,584 237 247,073	6,153 8 0 107 9 3 1,35,461 1 0	.54,108 30 946 0 9,93,650 30	4,003 6 0 69 15 10 70,650 8 0	52 0 0 0 14 7 994 8 3	10.208 14 0 178 7 8 2.07,106 1 3	1,460 32,386	934 14,709	2,894 47,045
Total for 19 weeks	260,657	1,41,614 9 0	10,47,759 20	74,653 14 0	1,046 8 3	2,17,814 15 3	33,796	15,643	49,439
COMPARISON.									
for corresponding week	9,2251	4,262 5 11	61,275 20	4,801 13 0	45 15 0	9,110 1 11	1,425	969	2,394
mile of railway correspond-	161	74 8 3	1,071 10	83 15 2	0 12 10	159 4 3			*****
al to corresponding date of revious year	246,243	1,33,996 3 4	11,71,670 10	81,457 14 0	1,307 14 3	2,16,761 15 7	81,371	18,391	49,762

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

CEIPT 16	S FOR WEEK P TH MAY 1885.	INDING ,	RECEIF 15	TS FOR WEEK TH MAY 1886.	ENDING	TOTAL RECEIPTS FROM 18T APRIL 1885 TO 16TH MAY 1885.				RECEIPTS PROPRIL 1886 TO 151 MAY 1886.		Total	Tota!
an sage ked.	Receipts.	Per mile- worked.	Mean mileage worked.	Receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
71	9,110	159	573	10,209	178	571	69,928	1,223	571	83,541	1,461	13,613	

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 12 miles, open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total earnings.	TRAFFIC	TRAIN-MILES
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.
	9	Rs. A. P.	Mds. s.	Rs. A.P.	Rs. A. P.	Rs. A. P.		7
Total traffic for the week Or per mile of railway For previous 18 weeks of half-	3,248	554 6 0 46 3 2	23,757 20	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	64 0 0 5 5 4	1,507 0 0 125 9 4	280%	213
year	48,472	8,262 10 0	6,21,392 30	10,558 5 0	639 10 3	19,460 9 3	4,174	4,453
Total for 19 weeks	51,720	8,817 0 0	6,45,150 10	11,446 15 0	703 10 3	20,967 9 3	4,4542	4,666
Comparison. Total for corresponding week of previous year Per mile of railway corre- sponding week of previous	2,354	394,12 9	24,561 30	1,082 13 0	100 6 6	1,578 0 3	87	359
year otal to corresponding date of		32 14 5		90 3 9	8 5 10	131 8 0		
previous year	46,6161	8,006 5 10	4,04,039 20	11,797 5 0	1,307 0 3	21,110 11 1	2,980	3,645

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Won Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIP	RECEIPTS FOR WEEK ENDING RECEIPTS FOR W 15TH MAY 1885. Mean Per Mean				ENDING					L RECEIPTS FRO PRIL 1886 TO 15 MAY 1886.		Total	Total
Mean mileage worked.	Receipts.	mile	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.
12	Rs.	Rs.	12	Rs.	Rs.	12	Rs. 8,898	Rs. 742	12	Rs. 8,649	Rs. 721	Rs.	Rs. 249

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on $74\frac{4}{5}$ miles open.

E	COACHIN	F TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total earnings.	TRAFFIC	TRAIN-MILE	is run
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	Total carmings,	Coaching.	Merchan- dise.	Tota
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	5,965	4,327 11 0 57 13 8	69,404 30	3,006 5 0 40 3 1	107 0 0 1 6 11	7,441 0 0 99 7 8	625	776	1,6
For previous 18 weeks of half-	102,921	83,149 1 0	14,23,313 30	64,799 9 0	1,961 6 6	1,49,910 0 6	21,2194	20,872	42,0
Total for 19 weeks	108,886	87,476 12 0	14,92,718 20	67,805 14 0	2,068 6 6	1,57,351 0 6	21,8444	21,648}	43,4
Comparison. Total for corresponding week of previous year	4,244	3,131 15 6	72,939 30	2,705 4 0	78. 4 6	5,915 8 0	1,164	1,305	2,4
ing week of previous year	******	42 0 7		36 5 0	1 0 10	79 6 5		*****	***
Total to corresponding date of previous year	112,441	94,970 7 7	17,04,847 0	78,651 2 3	2,686 6 0	1,76,307 15 10	20,659	25,352	46,6

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works D. Jatment Circular No. XXI, Railway, duted 23rd July 1883.

RECEIPT 161	TO WEEK THE MAY 1885.	ENDING	RECEIPT 15	S FOR WEEK TH MAY 1886	ENDING		AL RECEIPTS F. BIL 1885 TO 16T 1885.			L RECEIPTS FR. L 1886 TO 15TH 1886.		Total increase in	Total
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked,	Mean mileage worked.		Per mile worked,	Mean mileage worked.		Per mile worked.	1886.	1886
743	Rs. 5,916	Rs. 79	742	Ra. 7,441	Rs. 99	743	Rs. 48,214	Rs. 647	742	Rs. 50,690	Rs. 678	Rs. 2,476	Rs.

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 221 miles open.

an artist of the second	COACHING	TRAFFIC.	MERCHANDISE TRAI		Other		TRAPPIC	TRAIN-MILES	S RUN.
100 m	Number of passengers.	Conching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Total carnings.	Coaching	Merchan- dise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.		1	,
si traffic for the week per mile of railway previous 18 weeks of half-	18,483	4,584 11 0 206 0 10	6,839 0	258 5 0 11 9 9	5 0 0 0 3 7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	918	50	968
bat	371,699	1,01,321 9 0	2,08,160 30	7,222 11 0	112 7 5	1,08,656 11 5	17,583	3,025	20,608
Total for 19 weeks	390,182	1,05,906 4 0	2,14,999 30	7,481 0 0	117 7 5	1,13,504 11 5	18,501	3,075	21,576
COMPARISON.			177						10 10 10
al for corresponding week	16,712	4,229 5 4	14,343 0	471 6 0	2 9 3	4,703 4 7	1,024	76	1,100
previous year of previous year sl to corresponding date of		192 3 11		21 6 10	0 1 10	213 12 7			
revious year	414,799	1,12,395 10 7	3,62,931 0	8,067 14 0	125 9 3	1,20,589 1 10	20,814	6,582	27,396

proximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

ECEIP 10	TS FOR WEEK E	NDING	RECEI	PTS FOR WEEK 1 5TE MAY 1886.	ENDING	TOTA APRIL	L RECEIPTS FRO 1885 TO 16TH 1885.	M 18T MAY	Тота	L RECEIPTS PRO BIL 1886 TO 15 MAY 1886.	M 1ST	Total	* Total	
dean eleage erked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	- outer rocerpress	Per mile worked.	Mean mileage worked	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.	
	Rs.	Rs.		Rs.	Rs.	1	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	
22	4,703	214	221	4,848	218	22	40,778	1,854	221	41,356	1,859	578		

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 8th May 1886 on 42 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings (estimated).	Total	TRAFFIC	TRAIN-MILE	s RUN.
	Number of passengers. Receipts. W		Weight carried.	eight carried. Receipts.		earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.	40.		
tal traffic for the week per mile of railway r previous 5 weeks of half-	2,363	1,123 12 9 26 12 1	11,954 20	1,866 7 0 44 7 0	13 0 0 0 5 0	3,003 3 9 71 8 1	273	315	588
Par	11,703	5,420 11 9.	85,994 10	9,184 6 0	21 0 0	14,626 1 9	1,522	1,670	3,192
Total for 6 weeks	14,066	6,544 8 6	97,948 30	11,050 13 0	34 0 0	17,629 5 6	1,795	1,985	3,780

Approximate Statement of gross receipts of the Cawnpore-Kalpi Railway, proposed in accordance with Public Works

Department Circular No. XXI Railway, dated 23rd July 1883.

ECEIPT	S FOR WEEK 1	FOR WEEK ENDING RECEIPTS FOR WEEK ENDING 15TH MAY 1886.					TOTAL RECEIPTS FROM 1ST APRIL 188 TO MAY 188 .			L RECEIPTS FRO L 1886 TO 15TH 1886.		Total increase	Total de service
dean leage trked.	Receipts.	Per mile worked.	Mean wileage worked,	Receipts.		Mean mileage worked,	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	in 188	Total decrease in 188 .
	Rs,	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1			49	3,008	72		,,,, ,,,		12	17,629	420	*****	

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended the 8th May 1886 on 86 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total	TRAFFIC	TRAIN-MILES	8 Rt
June 1	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching,	Merchan- dise.	To
		Rs. A. P.	MDS, 8.	Rs. A. P.	Rs. A. P.	Rs. A. P.			_
Total traffic for the week Or per mile of railway For previous 18 weeks of half-	9,101 106	3,160 0 0 37 0 0	2,647 0 31 0	441 0 0 5 0 0	57 0 0 1 0 0	3,658 0 0 43 0 0	950 11	1,827 21	2,
year	163,306	46,042 0 0	1,79,482 0	27,546 0 0	4,921 0 0	78,509 0 0*	14,110	27,993	42
Total for 19 weeks COMPARISON.	172,407	49,202 0 0	1,82,129 0	27,987 0 0	4,978 0 0	82,167 0 0	15,060	29,820	41,
Total for corresponding week of previous year Per mile of railway correspond-	4,474	642 15 3	1,18,255 0	1,157 3 6	40 2 0	1,840 4 3	272	1,146	
ing week of previous year Potal to corresponding date of	447	64 4 9	11,826 0	115 11 6	4 0 2	184 0 5	27	115	
previous year	95,274	13,588 0 0	21,82,506 0	23,315 2 10	422 11 0	37,325 13 10	4,972	22,020	2

^{*} Corrected by actuals up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

	TS FOR WEEK 9TH MAY 1885		RECEI	PTS FOR WEEK STH MAY 1886		TOTAL	RECEIPTS FRO PRIL 1885 TO 9 MAY 1885.	M 1ST TH		L RECRIPTS FRO PRIL 1886 TO 8: MAY 1886.		Total	Total
Mean illeake worked.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		Total receipts.	Per mile worked.	increase in 1886.	decrease in
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		- Rs.	Rs.	Rs.	Ra
10	1,840	184	86	3,658	43	10	11,671	195	86	26,872*	52	15,201	

^{*} Corrected by actuals for three days of April 1886.

DACCA STATE RAILWAY.

pproximate Return of Traffic for the week ended 15th May 1886 on 86 miles open.

	COACHIN	G TRAFFI	C.			AND MINERAL FFIC.	Other earnings	man la maria	TRAFFIC	TRAIN-MILI	ES RUX.
	Number of passengers.	Coachi		Weight carried.		Receipts.	(estimated.)	Total earnings.	Coaching.	Merchan- dise.	Total
		Rs.	А. Р	MDs.	8	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week' Or per mile of railway	8,573 100	2,780 32	0 0			452 0 0 5 0 0	52 0 0 1 0 0	3,284 0 0 38 0 0	950 11	1,827 21	2,7
For previous 19 weeks of half- year	172,407	49,358	0 0	1,82,129	0	27,795 0 0	4,930 0 0	*82,083 0 0	15,060	29,820	44,8
Total for 20 weeks	180,980	52,138	0 0	1,85,217	0	28,247 0 0	4,982 0 0	85,367 0 0	16,010	31,647	47,6
Comparison.	•									a kening	1
Total for corresponding week of previous year Per mile of railway correspond-	4,449	625	7 6	1,18,282	0	1,168 2 0	9 2 0	1,802 11 6	272	1,284	1,5
ing week of previous year Total to corresponding date of	445	62	8 9	11,828	0	116 13 0	0 14 7	180 4 4	27	128	
previous year	99,723	14,213	7 6	23,00,788	0	24,483 4 10	431 13 0	39,128 9 4	5,244	23,304	28,5
						100000000000000000000000000000000000000					100

^{*} Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

	IS FOR WEEK 6TH MAY 1885			TS FOR WEER 5TH MAY 188			FAL RECEIPTS F PRIL 1885 TO 16 1885.		IST A	FAL RECEIPTS FI PEIL 1886 TO 151 1886.	H MAY	MAY Total increase		
Mean miteage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 18:	
	Rs,	Rs.		Rs.	Rs.		Rs,	Rs.		Rs,	Rs.	Rs.	R	
10	1,808	180	86	3,284	58	10	18,474	192	86	30,071*	50	16,597		

^{*} Corrected by actuals up to week ending 10th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 37 miles open.

	COACHING	TRAFFIC.	MERCHANDI		ND MIN	ERA	-20	Other ear	nir	186				TRAFFIC	THAIN-MILE	BRUN.
	Number of passengers.	Coaching receipts.	Weight carried.	1	Receip	ts.		(estimat	ed)		Total ear	ımg	ζ8.	Coaching.	Merchan- dise.	Total.
A 1 (2)		Rs. A. P.	MDS.	8.	Rs.	Α.	P.	Rs.	۸.	Р.	Rs.	۸.	Р.	8.		
traffic for the week ir mile of railway prayious 19 weeks of half-	1,775 48	671 0 0 18 0 0	2,329 63	0		0		917		0	1,791 23		0	259 7	259	518 14
previous 10 access of man-	37,348	17,063 0 0	55,890	0	3,808	0	0	27,796	0	0	48,667	0	0*	4,736	4.756	9,495
Total for 20 weeks	39,123	17.784 0 0	58,219	0	4,011	0	0	28,713	0	Ó	50,458	0	0	4,995	5,015	10,010
for our responding week of vious year	1,414	1,105 0 0	1,837	0	214	0	0	1,732	0	0	3,051	0	0	259	259	518
week of previous year	38	30 0 0	50	0	6	0	0				36	0	0	7	7	1
to corresponding date of vious year	33,813	: . 23,233 0 0	44,911	0	5,994	0	0	35,776	0	0	65,008	0	0	5,032	5,032	10,06

Corrected by audited figures up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dhurlla State Railway.

	fs for week e th May 1885.	NDING		TS POR WEEK 1 5TH MAY 1886.			L RECEIPTS FRO PRIL 1885 TO 16 MAY 1885.			L RECEIPTS PROPRIL 1886 TO 18 MAY 1886.		Total increase	Total decrease
an age ted,	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked,	Total receipts.	Per mile worked.	in 1886.	in 1886.
N .	Rs. 3,051	Rs. 82	37	Rs. 1,791	Rs.	37	Rs. 20,276	Rs. 78	37	Rs. 14,256*	Rs.	Rs.	Rs. 6,020

^{*} Corrected up to the latest possible date by actuals.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 15th May 1886 on 246 miles open.

	COACHING	TRAFFIC.		AND MINERAL FFIC.		Total	TRAFFIC	TRAIN-MIL	es run.
9 (2021)	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			12.18
traffic for the week on 246 to open or mile of railway previous 18 weeks of half-	39,890} 162	13,331 9 7 54 3 0	1,57,119 20 639 0	14,222 7 0 57 13 0	2,952 5 10 2 4 0	30,506 *6 5 114 4 0*	5,872	5,433	11,305
previous 18 weeks of half-	634,0591	2,20,332 6 5	23,18,951 20	2,33,622 9 0	51,012 10 2	5,04,967 9 7	83,646	90,267	173,913
OMPARISON,	673,950	2,33,664 0 0	24,76,071 0	2,47,845 0 0	53,965 0 0	5,35,474 0 0	89,518	95,700	185,218
for corresponding week of vious year on 226 miles open mile of railway correspond-	25,8661	8,339 7 10	1,77,317 20	18,905 0 0	4,869 10 8	32,114 2 6	3,958	5,228	9,186
week of previous year to corresponding date of brious year	114 574,103}	36 14 0 2,14,342 10 7	785 0 20,50,946 20	83 10 0 2,39,843 12 3	4 13 0 66,035 4 1	125 6 0° , 5,20,221 10 11	85,254	95,500	180,754

^{*} Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

rezimate Statement of cross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI Railway, dated 23rd July 1883.

RIPT 1	S POR WEEK STH MAY 1885.	BNDING	RECEIP	rs for Week 15TH MAY 18	ENDING 86.		RECEIPTS PROPRIL 1885 TO 16 MAY 1885.			RECEIPTS PRO RIL 1856 TO 15T MAY 1886.		Total increase	Total decrease
n uge ed.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked	Mean mileage worked,	Total receipts.	Per mile worked.	in 1890.	in 1886.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Ré.	Es.	Rs.	Es.
	32,114	143	246	30,506	124	226	1,99,075	881	216	2,05,575	836	6,500	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 15th May 1886 on 271 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total	TRAFFIC	TRAIN-MILES
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimate 1).	earnings.	Coaching.	Merchan- dise.
s'		Rs. A. P.	Mds. Sr.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week Or per mile of railway For previous 18 weeks of half- year	2,445\\\ 90 47,130\\\	983 7 9 34 4 0 18,422 8 3	7,622 10 280 0	606 1 0 22 4 0 11,438 15 0	21 3 6 0 12 0 378 12 6	1,560 12 3 57 4 0 30,240 3 9	9,307	4,754
Total for 19 weeks	49,576	19,356 0 0	1,59,061 0	12,045 0 0	400 0 0	31,801 0 0	9,816	5,008 1
Comparison. Total for corresponding week of previous year Per mile of railway corresponding week of previous year Total to corresponding date of previous year	2,281 84 51,493	1,009 7 0 37 1 0 20,928 12 2	3,514 0 129 0 68,207 10	358 15 0 13 3 0 6,568 0 0	33 7 6 1 3 0	1,401 13 6 51 7 0 28,187 0 2	9,889	4,935

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prepared in accordance with Public Works Depart.

ment Circular No., XXI, Railway, dated 25rd July 1883.

- Indian recognition of	The second second second second	emaner december	colors represent the same	abic courses to the second contract	a-100-21-100-00-00-00		All the second		44-17-18-18-18-18-18-18-18-18-18-18-18-18-18-		The second secon	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	-
	TS POR WEEK		RECEI	PTS FOR WEEK STH MAY 188	ENDING	TOTAL	RECEIPTS F: O PRIL 1885 TO 10. MAY 1885.	и 1от		L RECEIPTS FRO PRIL 1886 TO II MAY 1886,		Total increuse	Total dece
Mean mileage worked.	Receipts.	Fer mile worked.	Mean mileage worked.	Receipts.	Per mile worked	Mean milea worked	Total receipts.	Per mite worked.	Wean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 1880
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
# 87\$.	1,402	51	271	1,561	57	271	9,574	351	271	11,245	413	1,671	·m

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 8th May 1886 on 234 miles open.

	COACHIN	GTRAFF	IC.		MERCHAND		AND MINAFFIC.	ERAI	Other ear			TRAFFIC	TRAIN-MI	LES RU
	Number of passengers.	Coach			Weight carried.		Recei	ots.	Include steam	ing	Total earnings.	Coaching,	Merchan- dise.	To
1		Rs.	Α.	P.	Mds.	8.	Rs.	A. P.	Rs.	A. P.	Rs. A. P	İ		
Total traffic for the week Or per mile of railway For previous 17 weeks of half-year	84,636 362 1,640,067	33,209 142 6,81,:09	0	0	3,07,505 1,314 69,94,161	0 0	43,542 186 7,84,367	0 0 0 0 0 0			82,124 0 0 328 0 0 15,55,192 0 0	and the second second	7,421	1
Total for 18 weeks	1,72+,703	7,14,418	0	0.	73.01,666	0	8,27,909	0 0	94,989	0 0	16,37,316 0 0	196,014	178,121	374,
- COMPARISON.													60 MORE 11	
Total for corresponding week of previous year (audited) Per mile of railway correspond- ing period of previous year	112,119 481	35,559 153			2,58,578 1,110	0	36,686		6,800	0 0	79,045 0 0 310 0 0		Dat.	1,556
Total to corresponding date of previous year	1,871,823	8,64,374	0	0	57,82,996	0	7,29,189	0 0	4,27,788	0 0	20,21,351 0 0	[214,994	164,640	1

^{*} Audited up to week ending 13th March 1886,

FINANCIAL YEAK.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

	RECEIPTS FOR WEEK ENDING RECEIPTS FOR WEEK ENDI STH MAY 1886.						AL RECEIPTS FRO L 1885 TO 9TH 1885.			L RECEIPTS PRO L 1886 TO STH 1886.		Total increase in	Total
Mean milenga worked.	Receipts.		Mean mileage worked.	Receipts.		Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	1886-87.	1885
1	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs,	1
233	79,045	339	284	82,124	351	283	[5,01,388	2,152	234	4,48,863	1,918		52

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Troffic for the week ended 15th May 1886 on 234 miles open.

						4		-	A CONTRACTOR OF THE PARTY OF TH	
Super State and Super State of The Super State of T	COACHING	COACHING TRAPPIC.		ND MINERAL	Other earnings (estimated)	Total earnings	TRAFFIC TRAIN-MILES RUN.			
The second secon	umber of passengers.	Coaching receipts.	Weight earried.	Receipts.	including steam boat.	Zotal car miles.	Coaching.	Merchan- dise,	Total.	
		Rs. A. P.	Mps. s.	Rs. A. P.	Rs. A. F.	Rs. A. P.				
Total traffic for the week	76,071 325	29,890 0 0 128 0 0	2,73,502 0	\$4.830 0 0 149 0 0		69,525 0 0 277 0 0		7,440	18,130	
Por previous 18 weeks	1,724,703	7,14,761 0 0	73,01,666 0	8,35,174 0 0	1,00,999 0 0	16,50,934 0 0	* 196,012	178,121	374,133	
Total for 19 weeks	1,800,774	7,44,651 0 0	75,7: ,168 . 6	8,70,004 0	1,05,804 0 0	17,20,459 0 0	206,702	185,561	392,263	
Comparison. Total corresponding week of property (and ited) For mile of ruilway corresponding period of previous year. Total to c rresponding date of	338	30,244 0 0	1,110 0	38,925 0 167 0	0	297 0 1		8,018 172,652	19,303	
previous year	1,950,662	8,94,618 0	60,41,621 0	7,68,114 0	0 4,34,090 0 0	20,96,522 0	220,203	1 112,002	a00,0	

^{*} Audited up to wrek ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross R ceipts of the Eastern Bengal State Railway.

RECEI	PTS FOR WEEK B 16TH MAY 1885.	NDING	RECEI	PTS FOR WEEK 15TH MAY 1880.	ENDING	TOTA	L RECEIPTS FRO PRIL 1885 TO 16 MAY 1885.	om 1st		L RECEIPTS FRO PRIL 1885 TO 151 MAY 1886.		Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked	Total receipts.	Per mile worked.	Mean mile worked.	Total receipts.	Per mile worked.	III 1850-01.	in loop-or.
233	Rs. 75,471	Rø. 324	234	Rs. 69,525	Rs. 297	233	Rs. 5.76,859	Rs. 2,476	234	Rs. 5,18,388	Rs. 2,215	Rs.	Rs. 58,471

BENGAL CENTRAL RAILWAY.

Approximate Beturn of Traffic for week ended 8th May 1886 on 126 miles oven.

	COACHING	TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.				Other earnings		Total comings		TRAFFIC TRAIN-MILES BUN.			
	Number of passengers.	Coaching		Weight carri	ed.	Receip	ts.		(estimate		Total car	illigo.	Coaching	Merchan- dise.	Total.
	I	Rs. A	, Р,	.Mds.	Б,	Rs.	A. P.	1	Rs. A	Р.	Rs.	A. P.			
Total traffic for the week Or per mile of railway	21,664 172	9,265 73	0 0	31,998 254		2,240 18	0 (42	0 0	11,547 91	0 0	3,586	1,624	5,210
for previous 18 weeks of half-	413,943	1,37,968	0 0	6,38,114	0	31,883	0 (0	440	0 0	1,70,291	- approximation	63,821	-27,818	91,689
Total for 18 weeks	435,607	1,47,238	0 0	6,70,112	0	34,123	0	0	482	0 0	1,81,838	0 0	67,407	29,442	96,849
COMPARISON.													100	ne s na s	
Iotal for corresponding week of	27,607	8,103	0 0	22,49	9 0	1,631	0	0	58	0 0	1		4,442	936	5,378
Fer n railway correspond-	219	64	0	0 175	0 0	18	0	0			77		10		
o corresponding date o	439 770	g-1,64,160	0	0 4,77,28	1 0	31.937	0	0	639	0 0	1,96,786	0 0	76,581	19,408	95,980

[·] Audited up to week ending 13th March 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIP	TS FOR WEEK OTH MAY 1885.	EKDING	RECEIP	TS POB WREK TH MAY 1886.	ENDING	TOTA APRIL	L RECEIPTS FRO , 1885 TO 9TH 1885.	M 1ST MAY		L RECEIPTS FRO RIL 1886 TO ST • MAY 1886.		Total increase	Total decrease
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts,	Per mile worked.	Mean mileage worked.			Menn mileage worked.	Total receipts.	Per mue worked.	in 1886-87.	1886-87. in 1886-87.
126	Rs. 9,792	Rs. 78	126	Rs.	Rs.	126	Rs. 59,421	Rs. 472	126	Rs. 55,755	Rs. 443	Rs.	Rs. 3,666

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 126 miles open.

	COACHING	TRAFFIC	MERCHANDISE AND MINERAL TRAFFIC.			Other ear	Other earnings		Total earnings.		TRAFFIC TRAIN-MILES BUN.			
	Number of passengers.	Coachir		Weight carried.	-	Receip	ts	(estima	ted.)	Total ear	пщк.	Couching.	Merchan- dise.	Total
		ns.	A. P.	MDs.	8.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.			
Total traffic for the week Or per mile of railway For previous 18 weeks of half-	22,434 178		0 0	28,944 229	0	2,453 20	0 0	30	0 0	10,814 82	0 0	3,586	1,624	5,21
year	435,607	1,54,576	0 0	6,70,112	0	39,254	0 0	489	0 0	1,94,319	0 0	67,407	29,442	96,84
Total for 19 weeks	458,041	1,62,407	0 0	6,99,056	0	41,707	0 0	519	0 0	2,04,633	0 0	70,993	31,066	102,05
Comparison.														11
Total for corresponding week of previous year (audited) Per mile of railway correspond-	22,945	7,364	0 0	22,739	0	1,350	0 0	42	0 0	8,756	0 0	4,177	1,201	5,379
ng period of previous year Potal to corresponding date of	182	58	0 0	180	0	11	0 0			69	0 0			100
previous year	455,715	1,71,524	0 0	5,00,020	0	33,287	0 0	681	0 0	2,05,492	0.0	80,758	20,609	101,307

^{*} Audited up to week ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

	PTS FOR WEEK 6TH MAY 1883			TS POR WEEK TH MAY 1886.			L RECEIPTS FE BIL 1885 TO 16T 1885.		1ST API	AL RECEIPTS PI RIL 1886 TO 15T 1886.	ROM H MAY	Total increase	Total dans
Mean mileage worked.	. Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	in 1886-87.,	in 1885-87,
126	Rs. 8,756	Rs.	126	Rs.	Rs. 82	126	Rs. 68,177	Rs. 541	126	Rs. 66,069	Rs. 524	Rs,	Rs., 2,168

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

							Rs. A.	P.
	Approximate earnings for week ending	, 8th May 18	86,				10,415 0	0
	Corresponding week last year	***	***	***	***	***	8,783 0	0
	Increase	· · · · · · · · · · · · · · · · · · ·	***	***	***		1,632 0	0
	Receipts from 1st January to 8th May		***	***	***	***	1,44,877 0	0
	Ditto from 1st January to 9th May	1885	***	***		•••	1,34,304 0	0
	Increase	Atm Day	***	***	•••		10,578 0	0
		2.4.24	Total arts				Miles.	
	Miles open week ending 8th May 1886	0 *** 63.57.2	*** 1/ (D	***	. ***	G- 89-44	3() <u>\$</u>	62 Menor
10	Corresponding week last year	***	***	***		***	50%	
	Besting not mile onen week anding 9th	May 1996	tiga - 190-de garden - 190-a	ray was		The state of the same of	Rs. A.	2.
	Receipts per mile open week ending 8th	May 1880	***	***	***	***	205 3	7
	Corresponding week last year	(***)	•••		***	***	173 1	1
	Increase	TO HEAL	•••	***		Ton 19 ***	32 2	6
	SECRETARY'S OFFICE, Darjeeling, th	ie 15th May	1886.	8 0	w:	STEVENSON,	Secretary.	N.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	drawin	ave a locar localitation			Rs.	A	
Approximate earnings for week ending 15th M	ay 1886	•••			11,339	Ob	850 E000 C
Corresponding week last year	1.44	25.5.240			8.199	0	0
Increase	***	***	***		3.140	0	0
Receipts from 1st January to 15th May 1886	***	****			1,56,346	0	0
From 1st January to 16th May 1885	***	**************************************			1,42,504	0	0
Increase		***			13,842	0	0
	u dina sa se	A September 1985			Mile	28.	
Miles open week ending 15th May 1886		10 km + 4.	100 H.	All the second	50		
Corresponding week last year	***				50	ASSESSED 1	
					Rs	A .	p.
Receipts per mile open week ending 15th May	1886	10.47	***	0.00	223	6 1	
Corresponding week last year				engl[1]/56649	161	10.50250	2
Increase		•••	***		61		8
SECRETARY'S OFFICE, Darjecling, the 22nd	May 18	186,	. W.	STEVENSON,			
			A85025 1055	CIBYENSON,	Secretary	1233	



The Calcutta Gazette.

WEDNESDAY, JUNE 2, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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to 29th May 1886	1084	Weekly return of Traffic Receipts on Indian Railways 1	098

RESOLUTION ON THE CHEMICAL EXAMINER'S REPORT FOR 1885.

MUNICIPAL DEPARTMENT-MEDICAL.

Dated Darjeeting, the 22nd May 1886.

RESOLUTION.

READ-

A letter from the Inspector-General of Civil Hospitals, Bengal, No. 2343, dated the 8th April 1886, forwarding the report of the Chemical Examiner for the year 1885.

Read also-

The Report for 1884 and the Resolution recorded on it.

There has been some delay in the submission of the report: it was due on the 1st March, but it did not reach Government until the 9th April. Dr. L. A. Waddell officiated as Chemical Examiner for the greater part of the year. He was relieved in the middle of November by Dr. C. J. H. Warden, who had been absent for eighteen months on furlough and the report is written by the latter officer.

2. The following table shows the general nature of the work done during the year compared with that of the two preceding years:—

Medico-legal— Human viscera tested for poison 127 234 Animal ditto 76 137 193 Substances suspected to be, or to contain, poison, including cattle-poison 316 787 780 Articles tested for blood stains 143 148 205 Ditto for seminal stains 26 39 25 Potable waters 44 46 57 Petroleum and inflammable oils 42 67 41 Lime-juice 51 68 41 Opium, confiscated 171 Salt 171 Salt 171 Spirit for deleterious adulterations <th>A YOU</th>	A YOU
Animal ditto 76 137 193 Substances suspected to be, or to contain, poison, including cattle-poison 316 787 780 Articles tested for blood stains 143 148 205 Ditto for seminal stains 26 39 25 Potable waters 42 67 41 Line-juice 51 68 41 Opium, confiscated 23 171 41 Opium, from Board of Revenue 171 Salt 3 50 Spirit for deleterious adulterations 19 117 14 Spirit determination for the Collector of Customs 61 132 53 Articles tested for purity and quality — 61 132 53 Articles tested for purity and quality — 191 496 538	
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Salt	
Spirit for deleterious adulterations 19 117 14 Spirit determination for the Collector of Customs 61 132 53 Articles tested for purity and quality — For Small Arms Ammunition Factory, Dum-Dum 191 496 538	
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Customs 61 132 53 Articles tested for purity and quality — For Small Arms Ammunition Factory, Dum-Dum 191 496 538	escatig Soci
Articles tested for purity and quality — For Small Arms Ammunition Factory, Dum-Dum 191 496 538	
For Small Arms Ammunition Factory, Dum-Dum 191 496 538	-
Dum-Dum 191 496 538	vicke
Tout William Argonal	other logic
,, Ishapore and Cossipore Shell Factory 2 2 7	
" Medical Store Department … 15 17 15	
, Commissariat Department 37 41 44	
" others 34 28 53	
To tal 1,211 2,749 2,343	

In addition to the above, eight special opinions were furnished on technical matters during the year, and two memoranda on the Petroleum Bill and the

Explosives Act.

- with the previous year. The decrease is specially noticeable under the heads of "Opium," "Salt," and "Spirit for deleterious adulterations." It is explained that in the report for 1884 the physical examination of 171 balls of opium was included in the list of analyses performed, whereas the cakes had only been handled to ascertain their freedom from grubs, &c. The decrease under the head of "Spirit for deleterious adulterations" is due to the fact that in 1884 an exceptionally large number of samples were examined for the Excise Commission, which represented work out of the usual routine of the department. Dr. Warden's report on the analysis of Australian and Kashmir wines is of much interest. He writes: "The Kashmir clarets compare most favourably with the imported clarets; and when we are acquainted with the extent to which French wines are adulterated, it becomes a matter of surprise that our locally manufactured wines are not largely used; but, as a matter of fact, probably 99 out of 100 consumers of claret in India have never heard of Kashmir claret."
- 4. During the year under report 234 human viscera were examined against 217 in 1884. Of these, poison was detected in 107 cases, giving a percentage of 45.72 against 38.25 in the previous year, the corresponding average of the past ten years being 42.6. It is satisfactory to notice the decrease in the number of autopsies conducted by Civil Hospital Assistants. In 1882-83 they performed 49 per cent. of the post-mortem examinations; in 1883, 14.9 per cent.; in 1884, 6.9 per cent.; and in 1885, 6.8 per cent.
- 5. Seven hundred and eighty articles suspected to be, or to contain, poison were submitted for examination during the year. Out of these, 394 were found to contain poison, giving a percentage of 50.5 against 47.7 and 33.4 in the two preceding years. One hundred and ninety-three animal viscera were examined against 137 in 1884 and 76 in the nine months of 1883. Poison was detected in 142 cases, and in all these, as in the previous year, death was caused by arsenic poisoning.

3 11 27 11

6. The Chemical Examiner reports that there was some improvement in the manner in which accounts of post-morten examinations were submitted to him during the year, as well as in the mode of packing parcels containing articles for analysis. Officers conducting post-mortem examinations, and forwarding viscera, &c., for chemical analysis, should carefully adhere to the instructions on this important subject.

7. In paragraph 44 of his report, the Chemical Examiner represents the necessity of making certain alterations in the Laboratory. This matter should

form the subject of a separate communication.

8. It is creditable to Dr. Warden that during a considerable period of his furlough in Europe he devoted himself to investigations on Indian indigenous drugs, and that he can report, after communication with Dr. Stevenson, the Official Analyst to the Home Office in London in medico-legal cases, that the rules for the guidance of medical officers in similar cases here, and the medico-legal return forms in use in Bengal, are excellently adapted for their

ORDER-Ordered that a copy of the Resolution, with a copy of the Report, be submitted to the Government of India, in the Home Department, for infor-

Ordered also that a copy of the Resolution be forwarded to the Inspector-General of Civil Hospitals, Bengal, for information and for communication to the Chemical Examiner.

By order of the Lieutenant-Governor of Bengal,

R. H. WILSON,

Offg. Secretary to the Govt. of Bengal.

No. 2343, dated Calcutto, the 8th April 1886.

From-A. J. Cowie, Esq., M.D., Inspector-General of Civil Hospitals, Bengal, To-The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honour to submit the report of the Chemical Examiner for the calendar year 1885, with appendix. The report has been written by Dr. Warden, who returned from furlough on the 14th November 1885. Dr. Waddell officiated as Chemical Examiner from 1st January to 13th November of that year.

2. The Government order is that the report should be submitted not later than the 1st March every year, and in order to do so, I find the 31st January as the latest date it should be sent to my office. February was therefore available for checking and printing the report. This year the report was received in my office on the 27th February, or two days only before the date it ought to have been forwarded to Government.

3. Dr. Warden explains the delay in a letter No. 202A, dated 23rd March 1886, a copy of which I beg to enclose. From the 27th February much time has been occupied in checking the figures and printing, thus leaving

but a short while in which to review the report.

4. The total number of analyses performed in 1885 was 2,343, or a

decrease of 406 as compared with the work done in 1884.

5. The increase and decrease in the past ten years may be seen from the following figures :-

den avance		1,172 Analyses.
ner rails, di dru	1900	1,182 An increase of 10.
a designation of the		1,648 Ditto of 466.
		1,578 A decrease of 70.
100000000000000000000000000000000000000		1,470 Ditto of 108.
1. 公益學院 公益 (1945年)		1,900 An increase of 430.
3 434 (50.34)		2,133 Ditto of 233.
ACCOMPANY AND ACCOMPANY OF THE PERSON OF THE	0.742.003	1,211 A decrease of 922.
	Name of	2,749 An increase of 1,538.
		2,34S A decrease of 406.

- 6. In the year under review a large decrease took place. This is remarkable. The decrease is specially noticeable under the heads of "Opium," "Salt," and "Spirits for deleterious adulterations." There is an increase under every other head, except—
 - "Substances suspected to be or to contain poison, including cattle-poison."
 - "Articles tested for seminal stains."

Petroleum and inflammable oils."

" Lime-juice."

" Spirit determination for the Collector of Customs."

Among articles tested for purity and quality, the following show a decrease:—

- " Fort William Arsenal." " Medical Store Department."
- 7. Dr. Warden explains that in the report for 1884, which was written by Dr. Waddell, "the physical examination of 171 balls of opium was recorded as 171 analyses, whereas the cakes had merely been handled to ascertain their freedom from grubs, &c, and were not subjected to chemical analysis."

Medico-legal analyses have increased.

In 1884 there were 1,328 cases.

In 1885 there were 1,437 cases, or an increase of 109 cases.

8. Two hundred and thirty-four specimens of human viscera were examined, against 217 in the preceding year, showing an increase of 17. In 107 instances poison was detected, or in 45.72 per cent. The result is satisfactory when compared with the poison detected in a total number of 2,439 viscera examined during the decennial period from 1875 to 1885, which was 42.6 per cent. only.

9. It is gratifying to note that Dr. Warden has no cause to complain this year of the manner in which the records of post-mortems have been submitted to him. He, however, intimates that in one district (Furreedpore) the amount of viscera despatched for examination was insufficient. The

attention of the medical officers concerned will be drawn to this.

10. The animal viscera examined during the year was 193, against 137 in the previous year. The increase is represented by 56 cases. It is much larger than that of any of the previous years.

11. The percentage of cases in which poison was detected is thus exhibited:—

Poison. No poison.

1884 67.8 32.1

1885 ... 73.5 26.4

Arsenic is still the chief poison employed in the destruction of cattle. Of the 281 substances received, suspected to be employed for cattle-poisoning. 176 contained arsenic.

12. Dr. Warden still urges the desirableness of legislation to restrict the sale of poisons. He says: "there does not appear to be any valid reason why an attempt should not be made to restrict the sale of some if not of all, poisons." The difficulty in the matter is this, and it has been sufficiently illustrated by the Government, viz. that "poisonous substances exist in every hedge and garden throughout the country." No Act therefore prohibiting their sale could touch the matter, when there is no need to purchase the majority of such poisons. Take the Abrus, or Indian licorice, as the chief and best known substance used in cattle-poisoning. The plant grows everywhere. I admit, however, that the sale of some poisons could be restricted, and notably the common mineral arsenic. Still, even here, if the sale of arsenic were subjected to the same rules as in the case of sulphur, I fear trade might suffer, as this article is very largely used in preparing skins for the market.

13. I do not think that cattle-poisoners will resort very largely to the use of vegetable poisons in lieu of arsenic, "from its being known to hakeems and native druggists that, while minute traces of any mineral poison can be unerringly detected, most vegetable substances defy analysis in the present state of chemical science," because the latter is cheap, can be readily

strewn about the grass where cattle feed, and it is known to retard decomposition in the carcass of the animal destroyed by it. The increased exhibition of vegetable poisons, however, in other directions, I fear, we may expect, and Dr. Warden notes that they are now being more resorted to.

14. The note on the analyses of Australian and Kashmir manufactured

wines is full and very interesting.

15. The increased examination of water is satisfactory. There were 57

examinations as against 46 in the previous year.

16. Dr. Warden devoted much of his time while on furlough in practical work in the chemical laboratories in Berlin. He also continued his investigations in Indian indigenous drugs, &c. The interest displayed in his profession, and the good work accomplished, is highly creditable to him.

17. In No. 1774T—M, dated 14th September 1885, the Government sanctioned the appointment of an assistant to the laboratory. I have placed Baboo Romanath Dey in the post on probation. Dr. Warden complains that he has no one to take the place of Assistant Surgeon Tara Prasanna Roy, should he through any cause be incapacitated. Dr. Warden knows perfectly well that practical chemists are not to be met with in Calcutta lying around loose. He must educate the man he needs himself. This he acknowledges, and practically this is what is being done. He considers, however, that "the department is still decidedly under-officered." The scope and work in the department steadily increases, and we must undoubtedly be prepared to augment the staff from time to time proportionately. The accommodation, too, will have to be seen to. Possibly a re-arrangement of the rooms and economising space may meet present difficulties. In consultation with the Department Public Works much, I think, might be done in this direction. I quite approve of Dr. Warden's request that sanction may be given for the construction of 20 separate closets. They are very necessary. The cost is not to exceed Rs. 900, which is not excessive.

18. The title of Assistant Chemical Examiner to Government cannot now be altered, unless section 510 of the Criminal Procedure Code is

amended.

19. The amount of laborious work accomplished during the year is satisfactory, and the report is full and interesting.

Rainfall, Weather, and State and Prospects of the Crops

Statement showing Rainfall, Weather, and State and Prospects of the Crows in the different districts of Bengal, as reported to Government during the week ending the 29th May 1886.

N	0.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
L. N.	GAL	¥7. NO. 19	al Lagra	THE PARTY OF THE SECOND STREET, THE SECOND STREET, SANS
16.14	GAL	Western Districts.		[전문: 12] - 전 [412] 로마트 (112] (12] - 12[1] (12] (12] (12] (12] (12] (12] (12] (1
		Burawan, May 29	86 330	Weather-cool for the season. Both amun and aus prospects good. Price
1	•	Culna	0.17	rice 161 to 22 seers per rupee. Health good.
1		Cutwa	0.84	
1	0	Ranigunge Bankoora, , 29	1.28	Weather-seasonable. Sowing of aus paddy in progress: Prospects of cr.
	2	Dankoora, ,,		fair. Prices stationary. Public health good.
1	3	Rampur Haut	2·38	Weather—seasonable Ploughing in progress everywhere. Til and sugares thriving. Sporadic cases of cholera reported from a f-w thanks, otherw public health good.
1	4	Midnapore, ,, 29	, 011	Weather season, ble. Lands being tilled and prepared for cultivation. R sowings commenced in places. Public health good.
	5	Hooghly, ,, 29	. 3.64	Weather - unusually cool and wet. Ploughing and sowing in full swing. P
1	1	Serampore	1.36	lic health good. Weather - cloudy and showery with hot intervals. Boro rice reaped. Sowi
	1	Jehanabad Howrau , 31	1.01	of jute and amun rice commenced. Public health good.
		Uluberiah	0.57	
	1	of Carl Similaria	27 (1)	4 : : : : : : : : : : : : : : : : :
	11	Central Districts.	1000	[요리] 그리고 그래지를 하고 그리고 하는 이 모든 시간을 바다 생활!
1	6	24-Perghs. June 1	86 Return	
1	1	Nodaka pa	not rece	of early rice and jute commenced, Public health generally good,
	7	Nuddea, , 29 Kooshtea	2.86	Weather sultry and stormy; most unsettled. Both amun and aus cr reported good all round. Indigo manufacture will shortly commence. He
	1	Meherpur	3.90	good.
1		Chuadanga	1.80	
1	8	Ranaghat Khoolna, , 29	0.98	Weather-hot with frequent showers. Ploughing and sowing going on sa
1		estativista salahan m	Aprille In	factorily. Public health good.
1	9	Jhenidah ,, 29	1·11	Weather-sultry. Sowing of paddy crop not yet finished. Prospects go Public health fair. Price of rice stationary.
1		Magura	449	
1		Narail	0.30	얼마를 바다는 가장되었다는 이 경험하는 사내는 그렇게 소설을 보다했다.
1	10	Bongong Moorshedabad, , 29	2.84	Weather-unsettled Sowing of rice crop making rapid progress, Prospe
1	10	Lalbagh	2 08	good. Public health fair, but sporadic cases of cholera still reported. P
		Kandi	2.09	of rice stationary.
,	11	Jungipore Dinagepore May 28	1.91 7.43	Rains have apparently set in strongly. It has rained heavily and daily through
1				out the district. Cultivation of aus rice, jute, and sugarcane going on water Rice selling at from 18 to 25 seers per rupee.
1	12	Rajshahye. " 29	,, 0.97	Weather-cloudy and close. Harvesting of boro paddy continues. Sowing
1		Nattore .	2·36	amun paidy still in progress. Prospects of aus and amun paddy and good since recent rain. Still a few cases of cholera.
1	13	Rungpore ,, 29	" 3·16 2·94	Weather—rainy and hot. Early paddy thriving. State of other crops conti
1		Kurigram	4.64	favourable. Public health good.
1	i	Gaibanda Nilphamari	3.90	
	14	Bogra 29	. 2.52	Weather-cool and pleasant. More or less rain daily. Aus and jute seedli
1		Sherpur Nowkhilla	4.17	doing well. A few days' sunny weather will do much good to them. A cases of cholera still reported.
1	15	Pubna. , 29	3.02	Weather—rainy and much cooler. Prospects of crops good. Public he
1		Serajgunge	2:32	fair.
1	16	Darjeeling, , 29	, 3.16	Weather—showery. Crops all good. Eight deaths from cholera occurred in Terai this week.
	17	Julpigoree, " 29	,, 3.18	Good seasonable weather. Sowing of haimanti dhan progressing. Weat favourable for all agricultural operations. Condition of jute crop fair. Fu
		Eastern Districts.		health good.
	30	Dacca, May 29	86 1.08	Weather-days hot; nights cool and cloudy. Low lands being cultivated
1	18	Manickgunge	3.37	paddy crops. Chillies and til are being gathered. Prospects of crops a
1		Munshigunge	3.36	owing to recent rain, except that paddy crops in the Nawabgunge station to a certain extent being damaged by worms. Public health generally good
	19	Narsingunge Furrecapore, ,, 29	1.91	Weather-generally very hot, but with intervals of coolness Sowings ne
1		Goalundo	5.30	completed. Paddy, sugarcane, and jute doing well. Public health good.
1	20	Madaripore Backergunge, May 27	1.08 , 1.97	Weather-seasonable. Cultivation of aus paddy finished. General he
1	20			indifferent.
1	21	Mymensingh, ,, 28	" 1.59 1.90	Weather—hot, with rain at end of week. Boro harvest good. Prospect standing crops favourable. Public health fair.
		Jamalpur Kishoregunge	0.80	
		Attea	0.26	
		Netrokona	1.58	
1	22	Chittagong, June 1	'86 5.22	Weather—seasonable. Prospects of crops fair. Caterpillars have appeare Fattickchari. Cattle-disease reported from Teknaaf. Public health g
				Prices steady.
	23	Noakholly, ,, 28 Fenny	" 2·04 0·90	Weather-very sultry. Aus promises well. Cultivation of amua progress Some damage by senipoka in Begungunge. Mango fruit not plentiful or
				to damage by hail. A tew cases of cholera.
108	24		, 2:32	Weather—much cooler after the rain. Aus and broadcast amus plants are and thriving. Aus prospects good. Land is being prepared for tr
TT		Brahmunberiah Chandpur	1.36	planting of seedlings.
CHILLIAGORA	25		,, 2.81	Weather—very hot in the first part, and rainy in the latter part of the w kain has done much good to jooms. Lands being prepared for aus pa
5%	1		,, 1.29	Fever prevalent, also bowel complications.
		Hill Tipperah, ,, 26	,, 1.29	Wenther-Cloudy and physician Nation being sown Sugarcane D

No.						Rainfall at Sudder Station in inches,	
вкн	A ft.	institution de la constitution d	451	Diet I	10.	Jesus (M.) Justin	
1	26	Patus,	Ma	y 29	'86	Nil	Weather-hot with east winds. Sky often overcast at night with symptoms
	27	Gya,		29	٠.	1.53	approaching rain. Standing crops promising well. Public health good. Temperature fell considerably during a part of the week on account of the rain will benefit sugarcane, and facilitate ploughing for bhadoi. Public hea good. Prices moderate.
- 1	28	Shahabad, Buxar Sasseram Bhabhua	"	29	**	0.68 0.14 0.26	Weather—hot and often cloudy with high east winds. Rain beneficial sugarcane, indigo, and cheena. Public health fair. Prices stationary.
ATEN DIVE.	29	Durbhunga.		29		0·42 Nil	Weather—intensely hot. Prospects of early paddy, moong, and cheena proning. Lands being prepared for bhador sowings. Prices remain stations Public health generally good.
1	10	Mozufferpore, Hajipore Sitamarhi	""	29	**	1·32 0·38 Nil	Weather—cool with east wind. State and prospects of crops good. Rain be ficial. Public health good.
		Sarun. Sewan Gopalgunj Chumparun,		29	,,	0.08 0.05 0.29 0.28	Weather—seasonable. East wind throughout week. Rain has done much go to indigo and other crops on ground. Lands being prepared for bhad Sowing of paddy in low lands in progress. Public nealth good. Weather—hot with easterly wind. Standing crops in good condition. Launder preparation for bhadoi. Prices stationary. Some cases of small-pox a fever reported.
3	3	Monghyr, Beguserai Jamui	Мау	29	'86 	1.58 1.04 1.24	Weather- hot, but a little colder than usual in consequence of rain and easterly wi Rain beneficial to indigo and sugarcane. Lands are being prepared for bhac Sowings of early paddy seedlings commenced. Public health good, but spora
	4 1	Bhaguipore,	,	29	,,	0.43	cases of small-pox continue to be reported from Beguserai. Prices stationar Rainfall again heavier in south of Ganges than in north. Ploughing and cu vation of bhadoi crops in progress. Prospects good. Mango crop now rip
3	5 F	Purneah Kissengung	ge "	29	,,	4.90	poor this year. General health good. Prices steady. Weather—cool with east wind prevailing. Rain has done good. Jute, bhace rice, and kaoni crops doing well.
3	6 1	A: rareah Ialdah, Gazole	. "	29	"	2·42 0·20 1·19	Easterly winds and occasional clouds with partial storms. Boro paddy is being harvested. Rain has facilitated sowing of bhadoi crops. Common selling at 21 seers per rupee. Public health good.
3	7 8	onthal Perghs Deoghur Godda Rajmehal Jamtara Pakour		29		0.71 0.88 3.05 1.64 0.87 2.13	Constant storms of a rotatory character with occasional heavy rain and show Winds variable. The great quantity of rain that has fallen so unusually this time of the year has enabled agricultural operations to get well forw. The whole country is busily engaged in ploughing and sowing. General hes good.
RISS	A						: : : : : : : : : : : : : : : : : : :
88	0	uttack	May	28	'86	Nil	Cloudy mornings and days hot. Ploughing still in progress. Sowing of ricrops commenced throughout district. Public health good. Sporadic chole still reported.
35	P	Khoorda	,	27	*	0.51	Weather—hot. Ploughing and manuring for ensuing sarad erop going on, some places sowing commenced. Late dalua rice in ear. Relief works going on in the Chilka tracts. Common rice sells at an average of 19 seers 1 chittaper rupee in the Sudder sub-division, and 17 seers 12 chittacks in the Khoone and division. Public health good.
1 40) B	alasore,	,,	28		Nil	Weather—hot and cloudy. Cultivation progressing vigorously. Public heal generally good with the exception of a few sporadic cases of cholera.
HOT	A N	AGPORE.					
South	. H	est Frontier	Agen	oy.	1	main to	4
41	B	azaribaga. !	May	28	'86		Veather—cloudy and very unsettled. Heavy rain during three days. Moreops to report on. Ploughing in progress everywhere. General healt good.
42	L	oharaugga.	**	29	"	49.1	Veather—seasonable. Rain has abundantly fallen in the interior and at the Sudder station. Early paddy is being sown. Prices easy. Public healt
43	8	ngbhoom,	"	28	,,		Veather—cloudy and cool with frequent storms and rain. Ploughing in active
14	М	arbhoom, Govindpore	33	29	,,	1.04 V	Yeather—cool for the time of year. Rain and high winds in the afternoon Sugarcane doing well. Public health good.

CALCUTTA, REVENUE DEPT.; The 1st June 1886.

Offg. Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calculta from the Inter-

IMPORTS INTO CALCUTTA.

			FOO	D-GRAIN	NS.	1	Themania o	FIBROUS.	PRODUCTS.	OIL	BEDS.		100		80	GAR.	
Whence imported		B AND P	Total	Wheat.	Gram and pulses.	Other food- grains	Total.	Jute, raw	Gunny- bags.	Linseed.	Mustard- seed.	Tea, Indian	Cotton,	Silk,	Drained	Un- draine	ed.
	Rice.	Paddy	rice).		1		1		to the start					100	lex say		
BENGAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
urawan	2,00,034	2,489	2,01,590	547	3,425		2,05,562		10,360	706		897		78	42	11	1
eerbhoom	2,36,309			8,855		******	2,40,179	359	4,760	187	******	******		302 369	******	******	S
lidnapore	70.045			200	2,020	260	2,31,736 81,637	74,219	375,485	2,543	2,544		1,443	1	589	156	
looghly				63	3,519	200	4,97,563	61,968	835,734		do 4		640		8,688	4,206 34,163	
uddea	10000		10,295	1,471	48,228	48	60,042	24,692	415	4,865	387		163	74	• 140	24,001	
buina	200 200.2		29,154			******	29,154	1,864	******		9	*****	******	*****	150	******	ã
ssore			59,904	******	1,621	7.07	61,525	33,072	175	169	1 670	******		544	425	9,44	j
porsuedabad			10,941	133	2,524	107	13,705	1,191 23,438	45,130	7,174	1,673		******		******	*****	
nagepore	B 0.05		16,478 7,867		4,133		12,000	20,881		612				2	******	******	
ingpore	3.4.000		14,755		28		14,783	1,46,939	166,705		31	******	1,872		19000	******	
ATS	90 909		39,823	******	*****		39,828	4,906			187	******	1		5	******	
ona	3 5 11 7		15,917	196	2,020		18,133	3,63,337	516,040		3,133	195		*****			
rjeeling	. 0.300	**	2,199		******	******	2,199	72,292	156,590		******	2,138		******	******	******	
cca	2,199 9,882		9,882		947		10,829	2,15,125	175	*****		2,103	2,526			******	
rreedpore	32,993	1,250	33,775	4	1,855		35,630	1,98,984	420	31	1,213	******	1,597	/au 4		*****	
ckergunge	9.54,305	500	9,54,617		127		9,54,744	5,725	*****			*****	******			******	
mensingh	2,500		2,500		104	******	2,604	94,310		******			******			******	
perah	12,075		12,075	******		A	12,075 5,363				******	1,043	422			3000	
akholly	5,363 15,928		5,363 15,928				15,928					1,040			*** **		
otal of Bengal	24,17,821	106,304	24,84,261	6,465	70,714	415	25,61,855	13,38,252	2,112,199	16,287	9,173	4,275	8,663	1,865	10,039	71,960	y
BEHAE.				-,,,,,,			o a see day a				-				-		
ша	8		8	16,542	8,868	1,159	26,577	3	20,860	17,906	8,586			7	1,216	431	
		******		******			******	******	1,610	471	******			2	*****	846	
habad	202		202	5,007	8,683	8,581	17,478		315	5,091				******	580	3,967	
zufferpore	******						******	d 2	200 640	606	3,977	306		******		21	
rbhungs	******	******	******	794	848	804 30	304 1,672		245	2,863	1,500				6	20	
un nghyr			1- ":!!" 0.3	1,354	2,808		4,162		945	1,659	4,604					******	
aguipore	545		545	4,224		9,964	14,733	601	175	2,239	9,404	2	******	12		******	
neah	370	******	870	1,813	268	15	2,466	4,440	74,550	775	5,948 243	187				*****	
thai Pergun-	811	******	811	1,359	900	167	3,237	15,230	525	124	55.67	*****			x		
ahs	11,175		11,175	5,012	10,032	273	26,512	00.071	1,00,065	985	54,733	496	******	. 86	1,802	5,287	
otal of Behar	13,111		13,111	36,105	32,427	15,493	97,136	20,271	1,00,000	82,719	04,733	400		107.	1,000	0,201	
ORISSA.	1,614	1.	1,614				1.014				77.0						
tack	72,419	15,888	82,349				1,614 82,349	6,745	2,150		1000			30		*****	
al of Orissa	74,033	15,888	83,963				83,963	6,745	2,150					30		*****	
OTA NAGPORE.																	
aribagh	1 26,3 3 2		26,332			******	26,832		1,820 70		270	******		12 7		****	
d of Chota	26,332		26,332				26,332	A 100 (1)	1,890		270			19			-
nd Total of	25,31,297	1.22.192	26,07,667	42,570	1,03,141	15,908	27,69,286	13,65,268	2,216,304	49,006	64,176	4,771	8,663	1,521	11,841	77,247	The state of the last
Lieutenant-	1,000					1886-208 707-6-18	1965 - A 19 1986 - H 50	20(Car)	Uniogal	100	200					+	COLUMN TO SERVICE SERV
RE PROVINCES	6,600		6,600		575	(A) 14	7,175	15,017	le ne via	32	5,074	48,871	995	549.			
th-Western Pronces and Oudh.	1,264		1,264	1,64,952	91,939	8,821	2,61,976		317,800	21,433	9,527		1,49,199	3	109	79	
jab	6		6	******	73,382	810	74,198	******	105	1 000	603	43	11,186	5		10	J
tral Provinces	******	******	*****		272		272			1,620			600				
ntana States	******			27	9	2	11 27		1,500	*****		******	13,180	*****	82	*****	
ras			1	innie ika	7 7771		F-141111		7 7 7 7	damin's			718		307		
	11		11		19	14	28 25 44	1	7,750		5	15		37	1,910	*****	į
er places			The second secon	AND RESIDENCE AND RESIDENCE	Contract Streets		magazin complete processing			Acres delicement		-	-	-	15 SANS 25 FZ 6	PR 996	
경기가 가게 다 먹는 것	25,39,178	1,22,192	26,15,548	2,07,549	2,69,337	20,555	31.12.989	13,80,285	2,543,459	72,091	79.385	55,004	1,84,541	2,115	14,249	11,000	ij
and Total (1886 mports anuary. 1886	25,39,178 21,49,804	1,22,192	26,15,548	2,07,549	2,69,337	20,555	27,68,538	13,80,285	2,543,459 1,605,922	72,091	79,385	4/10	1,84,541	2,115	14,249	77,336	

^{*} One maund of paddy is equivalent to 25 seers of rice.

The Sea-borne Trade of Calcutta in these Staples during the month of January 1886 was as follows .-

CALCUTTA-				Samuel 1			district of	obai Lu	omeg ud	(4)5 da2	MI I					
lnaian ports,			13.4	100					10 m	AND THE STREET						
Bombay Sind	2,40,767		2,40,786	177	6,800	312	2,47,898	49	1,520,800 5,000	:::::		141			252	
Madras Other ports in	958		958 4 4	79	41,389	238	958 41,710		123,315			"131	:::::		10	
Madras British Burmah Other Lucian	2,29,203 1,907	658	2,29,614	5 604	8,299 5,180		2,37,918 7,750	₂₈	126,336 1,912,200	1	41	1 10	7		8 843	173
ports Pondicherry	13,079		13,079	3 60	2,504	8	15,589 60		385,600 66,000		1	1	10		804	47
otal of Inter-	4,85,918	688	4,86,348	751	64,172	612	5,51,888	77	4,139,251	1	42	284	17	20	1,917	64
O Foreign ports- United Kingdom	3,75,986		3,75,986	78,609	2,247		4,56,842	11,52,903	879,400	1,16,884	6,785	64,888	28,585	68		
Other Foreign	6,49,479	203	6,49,606	1,256	16,049	898	6,67,809		10,049,478	3,784	7,429	2,565	84,801	431	924	
Total of Foreign trade	10,25,465	203	10,25,592	79,865	18,296	898	11,24,651	16,85,897	10,428,878	1,20,668	14,214	67,453	1,13,386	499	924	
rand Total (1886)	15,11,383	891	15,11,940	80,616	82,468	1,510	16,76,534	16,35,974	14,568,129	1,20,669	14,258	67,737	1,13,403	519*	2,841	
in Jun (1885	13,92,085	9,986	13,98,329	85,769	47,841	19,818	15,51,757	8,92,448	19,991,084	1,76,144	81,490	69,476	82,745	1,342	1,869	

[†] Exclusive of bags obtained by local manufacture.

following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of January 1886.

IMPORTS INTO CALCUTTA.

		Fo	OD-GRAIN	6.		FIBROUS	PRODUCTS.	OIL	SEEDS.	Tea.			800	DAR.	Тов	ACCO.
ROUTES.	Rice.	Paddy.	Wheat.	Gram and puises.	Other food-grains.	Jute, raw.	Gunny- oags.	Linseed.	Mustard- seed.	Indian,	Cotton, raw.	Silk, raw.	Drain- ed.	Un- drained,	Bis- path.	Other kinds.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
try boats steamers indian Ry. favern Benkar State Railway.	17,69,870 449 4,66,833 1,58,790	1,08,612 785 111	8,217 1,99,242	47,864 617 1,89,782 26,716	7,653 12,888	4,74,013 3,46,283 4,86,503	1,149,310 360,805 853,930	13,709 32 57,267 1,043	25,120 4,960 44,968 4,332	46,462 2,740 4,744	2.047 4.062 1,60,985 2,821	360 471 1,058 158	1,513 1,911 47	20,211 5,387 20,961	904 2,941	9,175 2 2,757 9,792
	82,195 62,041	7,430 5,254	63 27	4,339	14	67,563 5,923	.163,214 11,400		5	1,038	306 114,320	67	8,479 2,239	30,777	::	7,890 34
total of (1886	25,39,178	1,22,192	2,07,549	2,69,337	20,555	13,80,285	2,543,459	72,091	79,385	55,004	1,84,541	2,115	14,249	77,336	3,845	29,650
	21,49,804	2,05,523	2,54,795	(1,88,058	47,429	11,14,527	1,605,922	59,640	1,21,003	47,038	1,39,57#	2,226	17,571	1,09,236	1,634	34,245

the following Statement shows the Values and Quantities of the Principal Staples of Traffic exported Inland from Calcutta during the month of January 1886.

EXPORTS FROM CALCUTTA.

/ 1	Cotton piece	goods.	Cotton	wist.	11	Gunny-		Cottonpie	ce-goods.	Cetton	twist.		
resported.	European.	Indian.	European.	Indian.	Salt.	bags.	Whither exported.	Euro- pean.	Indian.	Euro- pean.	Indian.	Salt.	Guny-bags.
BBGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
n	3,04,220 1,77,408	5,170	537 131	1,635 470	41,837 18,851	$\frac{142,396}{126,840}$	Hazaribagh Manbhoom	61,416 71,928		26	1,514	7,459 12,913	4,795 17,465
ore	1,36,850 $1,03,742$	8,655	1,384 666	37	25,190 7 42	16,969 50,815	Total of Chota Nagpore	1,33,344		26	1,677	20,372	22,260
mahs	2,01,070 2,26,940 39,900 90,852 47,808	11,754 110 3,080	1,432 166 623 64	90	14,045 25,382 10,215 16,720 5,250	73,874 25,234 35 3,830 26,005	GrandTotal of supplies into the provinces under the Lieutenant-Governor of Bengal.	72,87,408	89,989	12,033	9,193	6,63,194	1,275,575
dahad ore ye re	1,38,456 2,14,272 3,19,100		129 72 154		7,213 8,819 12,893	14,665 43,365 22,330	OTHER PROVINCES. Assam North-Western Provinces	4,49,921	440	451	41	37,413	4.385
ng	2,43,432 2,26,224 64,368 92,304	220	107 754 85 251		6,435 56,245 948 10,543	54,075 2,115 700 805	and Oudh Punjab Central Provinces Rajputana States	32,98,53d 9,93,88s 92,52d	2,750	4,482 1,420 155 97	6	41,584	409.955
pore puge	5,66,980 2,82,996 93,285 69,759	1,100 110	570 671 78 15	391 183	23,325 29,212 28,352 16,173	1,908 1,960 3,349 140	Bombay Madras Sind	27,000 7,756 74,620	550 111	1,488			1,520,800 249,651 5,000
h mg lly	1,03,962 2,300		149		3,355 300 3,120	117,300	British Burmah Other places	1,62,793	3,977	1,315	127		1,912,700 10,461,038
of Bengal	37,46,228	25,199	8,510	2,832	3,65,165	728,710		1,24,11,232 1,06,68,770	46,315	21,451 17,893		7,42,191 6,17,940	16,480,874 21,573,235
BAR				010		99,105	The Sea-borne Trade of C	aloutta in	these St	aples di	uring the	mont	of January
rpore	7,81,958 1,50,048 2,61,144 1,24,920 6,47,856	1,100 2,530 55,440 1,100	115 48 4 35 13	310 386 427 37 787 26	1,10,410 13,776 24,970 3,208 31,090 3,676	3,675 9,660 245 24,160 26,755	IMPORTED INTO CALCUTTA -	No.	Md	s. Md	s. Md	s. R	s. Rs.*
trun	17,856 4,99,464 94,104 1,75,968	550 550 110 440	6 54 SS	37 318 409 569	11,723 9,382 11,934 15,429	3,605 7,365 27,615 5,595	From Foreign Ports— United Kingdom Other Foreign ports	7,861,66 39,96			055 200		
Parameter 1.	1,60,920	2,970	62	510	11,027 21,232	1,800 46,725	Total of Foreign Trade	7,901,62		-	255	6.82,	594 7,700
Pergunnahs of Behar	32,39,886	64,790	370	3,816	2,67,857	256,305	Bombay Madras	18,35 8,26 9,90	34 8,	916			DO NO ROSCO DA COME ACOSCO
DRISSA.			100			2000	British Burmah Other Indian ports			CAPPER CONTRACTOR	15	A SOUND BY COLUMN	7 S. To A. K. (1995) S. March S. (1997)
	600		3,127	868	9,800	21,250 247,050	Total of Interportal Trade	7,938,11		-	20 10,	058 52 058 7,35	3,650
***	1,67,350		3,127		9,800	268,300	Grand Total of 1886 Imports in Jan. 1885	0 4. D E			902 9,	931 9,96	,243 11,350 ,189 1,127

* As per sariff declaration value,

ollowing Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of January 1886.

	COTTON PI	ECE-GOODS.	COTTON T	WIST.	0.1	
SPECIFICATION OF ROUTES.	European.	Indian.	European.	Indian.	Salt.	Gunny-bags.
East Indian Railway Leastern Bengai State Railway	Rs. 2,68,354 4,31,165 83,16,792 26,68,104 1,90,114	Rs. 3,475 1,74,020 2,310 21,274	Mds. 2,247 861 7,632 4,343 886 6,082	Mds. 492 8,846 273 13 1,004	Mds, 2,98,304 11,338 3,44,651 73,597 4,501 9,800	No. 174,923 2,727 1,541,530 186,515 8,130
	1,24,11,232 1,06,68,770	1,95,167 46,815	21,451 17,893	10,568 9,989	7,42,191 6,17,940	14,568,129 16,480,874 21,573,235

The 31st May 1886.

P. Nolan, Offg. Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Beng

1							1	8123	TION OBSI	2001252	10.10.				
			ATR	PRESSU	RB.	WIND	. 10				281	MPERAT			
	DISTRICT,	Representative station,	lean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	jean wind velo-	Highest during week.	Date.	Lowest during week.	Date.	uean maximum temperature.	Mean minimum temperature of week.	Mean daily tem- perature of week.	Variation from
T		Gopalpore	29.742	29.792	_	SSW	130	89.2	24th, 25th	78.8	26th May	88*2	81.2	84'7	
1	Pooree {	False Point	29.761	29.782	+ '047	ssw	257	91.2	May. 24th, 27th	77*1	23rd ,,	90 6	80.0	85.3	
{ ,	Cuttack	Cuttack	29.684	29.764	+ '052	ssw	75	102.4	28th May	73.8	22nd ,,	100.8	77'8	89 3	
П	Balasore	Balasore	29.720	29.779	_	ssw	154.8	93'4	28th ,,	77'2	22nd, 23rd	91.3	78.3	84.8	
4	South-West Midnapore		201714	901890	1 1049		288	92 7	0043	77:0	May. 27th May	91.6	82.4	87.0	
	South 24 Pergunnshs)	Saugor Island	29*754	29.780	+ '048	Southerly	288	52 1	26th ,,	110	Zitti May				
1	Midnapore	Midnapore	29*621	29.770	-	8	161.8	98.8	28th ,,	75'3	27th ,,	97.2	78.1	87.7	
2	4-Pergunnaha														***
	Howrah	Calcutta	29.760	29.781	+.061	sw	110	94.2	24th ,,	72 2	26th ,,	93.1	76.9	85.0	-
1	Hooghly						1					0.01	ma:m	100	1
1	Burdwan	Burdwan	29.685	29.785	+ '071	8	110	97.7	25th ,,		26th, 27th 28th May.	94's 97'4	76.7	85 8 87 3	-
317	Bankoora	Bankoora	29.452	_	_	8	105	102.1	23rd ,,	72.6	27th May			0/ 0	
4.5	Beerbhoom}	Raneegunge	29.441	-	<u>-</u>	ssw	134.9	101.0	23rd ,,	72.9	26th ,,	97.4	77'0	87.2	
1	West Burdwan	Barhampore	29*735	29*803	+ '091	Е	134.1	98'7	23rd, 25th	72.3	26th ,,	95.0	76 6	85.8	
1	Moorshedabad	Berhampore Krishnagore	29.740	_	-	SSE	100.3	96.3	25th ,,		25th, 27th	94.1	75.1	84.6	
185	Nuades	Krishnagore									May.	0.440		9	
300	Khoolna	Jessore	29.777	29.810	+ '084	s, w	114.7	97.8	25th ,,	73.4	27th May	94.9	77'0	86'0	+
1	Chittagons	Chittagons	29*745	29.834	+ '054	SE	82	89 6	22nd ,,	72.5	27th ,,	87.2	74'9	81.1	-
4.7	Chittagong Hill Tracts	Demagiri					Obse	rvation	s not receiv	red.					
10	Backergunge	Barrisal	29*805	29 815	-	Southerly	80.0	94.3	22nd May	72.9	26th ,,	89.9	77'1	83.2	-
4	Noakholly	Noakholiy	29.766	29.809	-	Calm		92.0	22nd ,,	74.3	26th ,,	87.8	76.3	82.1	
1	Furreedpore	Furreeapore	29.775	-	-	В	179.3	94.2	22nd May	70.4	25th, 28th May.	91.6	74'3	82.9	
1	Dacea	Daces	29.789	29*811	+.083	Calm, E	110	94.3	22nd ,,	72.1	28th May	90.6	76'4	83'5	-
43	Dacca	Commillah	29.781	29'817	_	SE	12.3	95*3	22dn "	71.8	26th, 28th	91.2	74'8	83'2	
	Mymensingh	Mymensingh	29.750	-		ENE	106.0	92.8	23rd ,,	69.1	25th May	88'3	748	81-6	
ľ		P		901905		NE	707.0	0010	eend.	68.8	25th ,,	90.4	74.1	82.3	
1	Bogra and Pubna	Bogra Serajgunge	29.742	29*805 29*823	1	N, SSE	101.2	96°3	22nd ,,	69.2	25th ,,	91.7	74:4	83.1	
1	Rajshahye	Rampore Beau-	29.776	29.797	_	Е	71.8	96.4	22nd, 23rd,	68.7	25th ,,	93.1	74'9	84'0	١.
10	Maldah	leah. Maldah	29.602		-	E	41'4	96.7	24th May. 24th ,,	72.2	27thc ,,	93.7	75'6	84.7	
						DND			00-1 M	70:0	an-A	89.7	73.0	0119	
	Dinagepore	Dinagepore	29.689	29.810	_	ENE	129	95.6	22nd May 22nd	70°6	23rd ,,	88'2	69.9	81'3	
12	Rungpore	Rungpore	29.702	29.828	-		82	94'3	zzna "	000	24611 ,,				
36	Julpigoree	Julpigoree	29.507	29.797	-	E	148'6	95.0	22nd ,,	68.9	27th ,,	87.1	70.3	78'7	
100	Darjeeling Hill Districts	Darjeeling	22-995	_	_ ,	NE	115.7	65.6	22nd ,,	50.6	27th ,,	63.6	52'5	581	
13	Purpeah)		22 000												
100	North Bhagulpore}	Purneat	29.664	29.790	+*082	Calm	1'2	101.2	24th "	,	-	95'2	1	,	2000
de:	Mozufferpore	Mozufferpore					O	servati	ons not take	n.					
1	Durbhunga	Durbhunga	29.603	29.770	+.071	E, NE	161	99.4	23rd, 24th May.	75.0	27th May	95.7	77'1	86.4	
1	Chumparun	Motihari	29.518	29.744	-	ESE	238'8	99.8	23rd, 25th May.	69.9	26th "	95.0	75.4	85-2	
. 1	Sarun	Chuprs	29.238	-	-	E .	116'5	104.2	25th May	74'0	27th ,,	100'2	77.7	89.0	
1	- 1	Dehree	29'376	29*724	-	ESE	241.0	104'5	22nd, 23rd 24th May.		27th .,	97:2	75.11	86.25	
	Shahabad	Buxar	29'463	29.701	-	Е	250.8	105.4	24th, 25th May.	73.8	27th ,,	102.3	79.0	90.7	
1	U	Arrah	29*509	29*704	-	E	20518	104:4	22nd, 23rd May.	73.6	27th ,	100.0	78'3	88.3	
Œ.	Gys	Gya	29:137	29.700	+*017	NE	106	106.1	24th May	69°8 73°7	27th ,,	101*8	75'3	88.7	
E	Patns South Bhagulpore,	Bankipore	29.266	29;748	+'062	В	144	103.0	22nd, 23rd May.	107	2760 ,,	00 1	100		
и		Bhagulpore	29*590	29.752	-	В	50	98'4	22nd,'23rd May	73.0	27th ,,	98.0	- 76:1	86.1	
	Sonthal Pergunnans	Doomks "	29*264	_	_	E	70.4	100.8		78.3	20th, 27th	96.0	76.8	86'4	
31	Hazaribaga	Hazaribegh	27.753	29.722	+*044	Southerly	247	101.0		69.7	May. 26th, 27th	95.2	73.5	814	
1	Lohardugga)		1. A. A.	2.500							May.	0.510	70.0	84.0	
	Manbhoom	Ranchee	27.639	29.729	-	sw	179.0	99.0	22nd, 23rd May.	65.9	27th ,.	95.9	72.0	840	
Αŝ	Singbhoom	Chyebassa	28-978	-	-	ssw	98'4	101.6	23rd ,,	74.1	28th ,,	99'3	77'3	88.3	1

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overage vations of rainfall," the normal means are the numerical means or averages of the rainfall in that district determined from the returns sent in by the district (i.s.) from the total rainfall at the sub-divisional stations in the district sending in returns divided by the number of stations.

the week ending Friday, the 28th of May 1886.

	1	-						7. 10. 11		-						
or week	week at stations.	Of v	week.	Sin	ce 1st of M	-	Sir	i nce 15th Ma	y 1886.	ber ys.	s.	Representat	ive	DISTRI	04	
at 10 A. M. for week	Rainfall of w observing s	Mean for district.	Normal mean.	Mean for district.	Normal mes.n.	Variation.	Mean for district.	Normal mean.	Variation.	Average number of rainy days.	Normal number of rainy days.	s words,				
43	0.80	_	_	_		_	_	_	_	_	_	Gopalpore)			
6.3	Nil	0.82	0.67	3.40	2.52	+1.18	2.65	1.15	+1.20	1.3	2.6	False Point	}	Pooree		
5.6	Nil	0.26	0.83	3.02	2'79	+0.26	2'15	1.24	+0.91	1.2	1.9	Cuttack		Cuttack		
1.0	Nil	0.22	1.02	5 25	3.93	+1.32	1 77	1.78	-0.01	0.7	19	Balasore		Balasore		***
	0.70	0.40	0.88	4.79	4.36	+0.43	0.84	1.81	0.07	1.0	1.8		(South-West 3		pore
7.1	070	0.0	0 00		4 00	7040	0.84	1 01	-0.97	1.3	10	Saugor Island	1	South 24- Parge	nnah	•
3.7	0.14	0.82	0.83	7.08	4.43	+2.62	0.92	1.22	-0.60	2.3	1.5	Midnapore		Midnapore		***
									/4 · ·				- (24-Pergunnaha	***	***
5.6	0.09	1.64	1.28	7.11	5.02	+2.06	2.92	2.11	+0.81	2.4	2'4	lalcutta		Howrah	***	
		0:9.	,										į	Hooghly	***	
4.6	3.05	2'31	1'13	9'79	4.11	+2.6	3.81	1.90	+1.91	3.3	1.9	Burdwan		Burdwan		
1.7	1.74	1.97	0.25	4.12	3.53	+0.94	2.93	1.10	+1.83	2.8	1'3	Bankoora		Bankoora		
3.3	1.36	1.73	0.79	3.25	2.76	+0.76	2.55	1.34	+1*21	2.8	1.7	taneegunge	{	Beerbhoom		
p.a		1.96	1.39	3.87	4.49	-0.62		2.25		3.3	1.9			West Burdwan		•••
63	1'54	2.70	1.78	8.62	5.91	+3.14	2.41	2.79	+0.16	3.3	23	Krishnoghn	**	Moorshedabad		***
61	0.97		1 10		0.01	+324	9.00	2.0	+0.76	0.2		Krishnaghur	***	Nuddes	***	•••
8.1	1.11	3.28	1.81	10.91	6 13	+4.78	4.68	2.82	+1.86	3.1	2.8	Jessore	{	Choolna	•••	•••
7.6	2.03	4.97	2.47	9.15	9.30	-0.18	5.02	4.28	+0-47	4.5	8*0	Chittagong		Chittagong	***	
	000		1.74		8:79		0.00	3.21			2.8	Demagiri		Chittagong Hil	***	***
71	3.47	8.21	2.08	8.85	6:97	+1.88	5.39	3:36	+2.03	4.2	2.9	Barrisa)		Backergunge	Trac	ts
6.7	2.14	2.42	2.33	9'41	9.56	-0.12	2.52	4.07	-1.22	3.2	3.3	Noakholly	***	Noakholly	***	
2.6	6.42	4.45	2.23	11.74	8.12	+3.29	5:31	3.55	+1.32	4.3	28	Furreedpore		Furreedpore	***	
		9:51			num.					4.0	2 7					***
7.7	1.87	3.21	2.12	9.09	8.67	+0.42	4.66	3.17	+1.49	3.8	3.2	Dacea		Dacca	***	***
5.7	4'37	0.00	2.41	1	9.86			3'94		3.4	2.8	Commillah	***	Tipperah	***	
71	1.76	2.50	2.20	7.51	9 21	-1.70	2 81	4.17	-1'36	3.4	20	Mymensingh		Mymensingh		•••
4'0	2.72	3.51	1.92	6.22	6.95	- 0.40	4'46	3.38	+1.08	4.2	2.5	Bogra)	Parent I in a		
61	2.81	2.26	1.00	6.51	6.79	-0.28	4 11	3.39	+0.72	5.2	2.2	Serajgunge	5	Bogra and Pub	a	•••
29	0.95	1.67	1.60	5.39	5*/4	-0.32	3'14	2.80	+0.34	3.2	2.2	Rampore Beau	leah	Rajshahye		
0.4	0.50	6.53	0.77	2.76	3.94	-1.18	1.93	2.10	-0.17	2.5	1.6	Maldah		Maldah	***	
5'9	6.44	2'52	0.58	6'44	4.61	+1.93	5.10	2.21	+2.89	3.5	1.3	Dinagepore		Dinagepore		
71	2.80	4.95	2.68	10.98	9.65	+1.33	7.21	5.78	+1'43	4.3	2.8	Rungpore		Rungpore		•••
	6			. 10		+100		,	172				0	Julpigoree	-	***
6.9	3.33	2.71	4.76	8'64	12.66	-4.02	3.88	8.03	-4.12	5.6	3.8	Julpigoree	{	Cooch Behar		
89	3'24	4'48	2.21	9.42	9.02	+0.40	5.00	4.71	+0.59	50	3.2	Darjeeling		Darjeeling Hill		inte
-									+ 1:94	9:0	10	Pnenanh	5	Purneah		
40	0.35	1.74	0.91	4.11	3.87	+0.24	3.50	1'84	+1'36	3.2	13	Purneah	{	North Bhagulp		
		0.94	0.45	2.26	1.08	+0.58	1'44	0.81	+0.63	1.0	0.9	Mozufferpore		Mezufferpore		•••
24	Nil	0.32	0.42	8.92	2.04	+1.88	1.04	0.87	+0.12	0.7	0.8	Durbhunga		Durbhunga		
84	0.30	0.41	0.71	3.92	2:37	+1.55	1.83	1.13	+0.40	1.0	1.0	Motihari		Chumparun		***
27	0.24	0.14	0'40	2.22	1.72	+0.20	1.05	- 0.29	+0:46	1.0	0.6	Cnupra		sarun	•••	•••
10	Nil]			
1.8	0.14	0.45	0.21	1:08	0'94	+0.14	0.71	0.41	+0:30	1.2	0.6		}	Shahabad		***
I	0.68							Service Services			. 100		ر	#. (0) eq. (1)		
3	1.23	1.09	0.22	1.36	1'40	-0.04	1'25	. 0.86	+0.59	2.0	0.7	Gya	-	Gya	•••	•
N.	0.18	9'25	0.32	1.10	1'64	-0.24	0.61	0.92	-0.31	1.3	0.8	Bankipore		Patna		***
1	0.43	1.23	0.35	2'43	1.86	+0.57	1.00	1:03	+0.87	1.8	0.8	dnaguipore .	{	South Bhagulp		•••
1	0.46							1,00	13103	3.2	1'2	Doomka		Mongnyr Sontnai Pergui	••	
1	3.33	1.20	0.64	4.63	2.79	+1.83	8.01	1.39	+1.62	4.0	1.1	Hasarioagh		Hazaribagh		
		2.15	0.42	2.14	2.11	+0.03	2.13	0.78	11 05					Lonaraugga	•	***
	1.74	1'46	0.80	2.53	1.90	+0.63	1.92	0'94	+0.88	2.3	1.1	Ranchee	{	Manbhoom		**
	1.95		990.9253	10000		CATALON S				4'0		Uhyebassa			***	

past ten years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater, support denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" observable part of in question during the past 12 years. The means of the district" are the numerical averages of the rainfall return received in which at least hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th of May 1886.

					R	AINPAL			100 1	Тот	AL.		191 (F		
Meteorological division.	District.	Station.	S.turday, 22nd May.	Nunday, 23rd May.	May.	fuesday, 25th May.	Wednesday, 26th May.	Tnursday, 27th May.	Friday, 28th May.	Number of rainy days.	Rainfall of week.	Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rainfall since 15th May 1886,	iro M
ORTHEA	Poores	Pooree Khurdah Banpar False Point Gop				0.09 0.36 0.55		0.01	2:75	2 2 Nil	0°23 2°81 Nil	3°37 5°82 4°74	2'18 3'04 2'12 2'86	\$*85 5*07 1*43	
	Outenck	Pipli " Jagatsingpore Banki Cuttack Kendrapara Jatpore Tharmsalla Salipore				0°07 0°06 0°80 0°86			0°75 0 06 	1 2 1	0°75 0°86 0°86 0°25	3°29 3°93 2°17 3°21	P 2:58 1:11 3:30 3:21 3:73	2:64 1:75 1:34 2:45	
	Halamore	Chandbali Bhuddruck Sorah Balasore Jellasore Baripodah				0:50	0°56 0°06			Nil	0°56 Nil 0°56 0°06	5:33 6:47 3:31 6:53	4.07 4.33 4.03 4.11 3.00 4.01	2·50 2·61	
SOURS WEST BENGAL.	Midnapore	Contai Saugor Island Tumlook Midnapore Ghattal Devog Heria Bhapwanpore Garbela				0.60	0.60	0.06 0.70 0.30 0.11 0.46 0.21 0.95 3.65 2.67	0*14	1 1 3 1 3 1	0.06 0.70 1.50 0.11 0.33 0.21 0.95 3.65 2.78	4·29 3·33 7·50 6·20 7·71 5·37 5·20 9·96 6·64	4'06 4'31 4'25 4'64 4'39	0°50 1°08 1°90 0°37 0°47 0°21 0°95 4°80 5°08	
	74-Pargunnaha	hour Canning Town Alipore Jail Barrackpore Dum-Dum Baraset		111			0.07 0.34 2.30 0.53 0.89 0.04	1.28 0.63 0.08 0.96	0.03 0.37 0.81	2 4 2 2 3 1	1.35 2.11 0.12 2.67 2.30 0.89 1.03	6:54 7:99 7:79 6:11 7:42 5:17 8:98	4.70 9 4.83 4.49 5.15 5.73 5.92	1'38 4'92 1'96 3'94 2'98 2'49	
	Howrah	Howrah Mohesreka (Ooloberiah.) Serampore				0.41	0.55 0.41 2.19	0°15 0°16	0.01	4 2	1.01 0.57 2.85	8.64 7.54 6.13	4.45 5.60 4.28	2°04 2°20 3°16	CONTRACTOR
	Hooghly	Hooghly Jehanabad Culna Burdwan				2.74	0.90	1.25 0.33	0.65	2 2 3	3.64 1.36 1.15	8.88 4.46 10.26	5°17 4°73 4°03	5:16 1:85 2:72	
	Bankoora	Cutwa Mankur Bankoora				1°45 0°47 0°01	0'42 0'37 0'61 1'27	0.76 2.18 0.05 0.63	1.51	3 4 2 3	3.05 2.81 2.79 1.33	7.77 11:30 5:40 2:81	4 19 4 09 9 2 65	3°18 5°51 2°79 1°70	
		Bishenpore Maliara Kkatra Indas Kota pore Anda Gangajalghati Raipore Sonamukhi		0.50	0°11 0°45 1°00 0°90	0°07 0°16 1°07 0°30	2.67 1.06 0.78 0.14 0.39 .0.10 1.55 0.18 1.45	0.45 1.00 2.08 2.06 2.06 0.44 0.80		2 4 2 3 3 3 2 4 4 2 4 2 4 2 4 2 2 4 2 4	1.78 2.70 206 1.39 3.29 2.45 1.60 2.45 1.77 2.25	5 68 5 10 3 34 6 68 4 72 1 60 4 95 3 33 4 80	3.26 4.67 2.32 2.62 5	1'85 4'99 2'91 2'85 3'44 2'85 1'80 2'45 2'55 3'15	
	Nuddra	Bh. Soory Hetampore Rampore Haut Bolpore			0.09	0.75 1.91	2'05 0'65 0'34 1'09	0.02		2 2 4 2	2:38 1:40 1:79 2:25	4'10 3'11 4'03 4'70	2.81 2.67 2.86	2-14 2-2 3-20 1-54	
	The second second	Ranaghat Kishnaghur Chooadanga Meherpore Kooshtea			0.32	0°53 0°50 0°67 2°12 0°16		0.40 0.42 0.81 1.78 2.70	0.05 0.29 1.89 0.10 0.76	3 4 3 4 3	0 98 1:21 3:69 4:00 3:62	7 32 8 09 11 50 7 82 8 51	4 63 5 12 6 69 4 73 6 36	1°52 4°61 4°50 5°28	
	Choelna	Satkira Bagirhat Khooins	===	===	1.20	1.26 0.28 1.26	0°32 0°14	0.28	0.11 0.19 0.11	4 3 4	2.60 2.27 3.02	9·07 5·59 10·18	5°37 6°55 6°08	2°98 2°55 8°55	
	Jessote	Narail Jessore Jhenidah Magoorah Bongong				0°30 0°87 3°30 4°30	0°03 0°19 2°84	0'44 0'11 1'49	0°73 0°10 0°33 3°53	3 4 5 8	1'47 1'11 5'12 7'82	9°94 7°28 15°70 19°14	6:46 6:71 5:74 6:50 5:36	3°37 1°56 9°77 10°43	Section Section
	Moorshedabad	Kand! Berhampore Lalbagh Azimkunge Jungipore Lalgolah			0°14 0°10	1'45 0'03 	0°64 0°32 0°66 0°50 1°09 0°20	1°15 1°30 0 90 0°72 1°80	0.14 0.15 0.02	2 4 3 5 3	2.09 1.64 2.08 1.96 1.91 2.05	4.71 3.95 8.43 2.80 4.36 8.84	3-97 4-99 4-66 4-25 4-06 5-00	2:40 2:17 2:49 2:14 2:14 2:14	
EAST BENGAL	Chittagong Chittagong Hill Tracts.	Cox's Bazar Chittagong Kutubdia Satkanya Kansanati Kuma	0°25 0°52 0°35 1°52 0°25	0°20 0°28 0°03 0°25 0°83 0°21	1:55	1'46 0'75 1'00 0'46 1'57	0.61 3.03 0.86 0.10	1°80 2°03 0°29	0.06	6 6	8°57 6°36 8°26	6.80 11.42 8.70	10'00 8'58 F 9 37 8:18	3:57 6:32 3:26	
	Backergunge	Patuakhally Perozepore Burrisai Bhola	2°22 0°28 1°41	0.28	0.70	1°30 0°30	2°31 0°02 1°30 0°29	6°18 0°74 0°23	0°43 0°09 0°46	5 4 5 4	5°94 3 00 2°71 2 39	8:37 1 11 7:75 8:13	7:61 6:06 7:34 6:89	676 647 472 878	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th of May 1886—contd.

			-	-	-	LAINFAL				Ton	-				
ological	District.	Station.	Saturday, 22nd May.	Sunday, 23rd May.	Monday, 24th May.	Tuesday, 25th May.	Wednesday, 26th May.	Thursday, 27th May.	Friday, 28th May.	Number of rainy days.	Rainfall of week.	Total rainfall since lst of month,	Average total rain- fall from 1st of month.	Total rainfall since 15th May 1886.	Average ramfall from 15 May 188 to date
ENGAL	,	Gournaddi Bauphal	1.24	0.44	0.61	2.06	0.11 0.77	0.02	0.68 0.40	4 5	2*90 3·46	7°43 8°48	9	3'95 4'31	
	Noakholly	Noakholly Fenny Har ispore (Sondip).		0.85	0.01	0.80	0.18	0.05 1.15 3.40	0.75	5 2	2·79 2·05	10.90 8.80	8*88 10:22	2:86 2:17	4'
5	Furreedpore	Ramganj Madaripore Furreedpore Goalundo	0.08	1.04 0.18 0.27	0·10 0·27 	0.85 0.52 1.95 0.55	0.86	0°34 2°30 0°85	3°31 2°12 2°35	6 5 4	6°19 1°42 6°64 5°30	11.75 6.77 15.13 13.33	9 9 43 7 94 7 08	6:48 1:91 7:74 6:28	4' 4' 8'
	Daces	Munshigunge Dacca Naraingunge Manickgunge Joydebpore		0.08	0°15 0°36 3°37 0'61	2.60 0.31 1.04	0.35 0.56	0°25 0°55 0°01	1'45 0'45 1'79 0'51 0'94	. 4 3 5 3	4.81 1.08 3.70 4.43 1.98	10*79 6:33 9*79 9*42 6*04	8'80 8'78 8'35 8'75	5°34 1°99 5°22 6°08 2°62	3° 4° 1° 3°
	Hill Tipperah	Agortola Comilla Chandpore Brahmunberia Ramchandra-	0°30 0°19 0°90	0.25	0.59 0.85 0.40 1.36 0.26	0°15 1°28 1°45 0°86 1°40	0.12	0.26 0.20 0.42	2:32 0:10	4 5	4.64 3.05	12.60 10.05	9.95 9.89 9.47 10.14	4.79 3.05	3° 4′ 3° 4°
		pore. Nasirnagar Daudkandi Kasba Laksham	1.77		0.03 0.66 1.24	0°17 1°02 0°05 1°86	0.30	0.14	1°11 0 35	4 4	2:93 3:71	7°30 13°23	2.2.2.	2.93 4.68	
,	Mymensinah	Kishoregunge Atia (Tangail) Mymensingh Jamalpore Netrokona Subornakhally Durgapore		0.01	0.61 0.26 0.25 1.05 0.58 0.78	0°19 0°80 0°60 1°00 0°60		0.71 0.58 0.50 	1°11 0°69 1°05 0°55	4 3 4 3 5	2.62 1.53 1.59 2.65 2.63 2.07	7.51 5.33 8.41 6.10 10.23 4.49	9.84 6.86 10.26 9.05 10.05	3.63 1.53 2.60 3.16 3.15 2.71	4° 3° 5° 4° 3°
Bengai	Pubns	Pubna		0 53	0.48	1°49 0°24	0.20	0.02	1.85	5	2*22	5°88 7°52	6'64	3°24 4°73	3'
DENGA	Bogra	Sherpore Nowshilla Bogra Panchbibi		0.34	0.37 1.52 0.10 0.13 0.17	0°34 1°35 1°89 1°88 1°08	0.80 0.27 0.09 1.97	0°16 0°50 0°35 0°42	0.89 0.04 0.13	5 4 5 5	2'10 4'17 2'65 2'65 3'37	4.88 6.00 5.79 7.28 7.19	6.91 8.02 6.06 7.78* 5.92	5.52 3.38 4.45 4.49	3 4' 2' 4'
	Bajshahye	Beauleah Nattore Nowgong Lalpore Manda	0.65	0.33	0°38 0°15 0°64 0°11	0.27 0.18 0.76	0.53 1.00 0.11 0.80	1.66	0'15 0'09 0'18 1'30	4 3 5 5	0.97 2.36 3.16 1.49 2.10	4:36 6:41 5:18 6:64 5:98	4.93 6.54 9	2:40 3:86 3:74 3:40 3:31	2 2 3
	Maldab	Maldah Chanchal Gajol Sibganj			0.49	0.03 0.19 1.62	0°15 0°15	0.05 0.11		3 2 1 4	0°20 0°26 0°19 3°32	2:39 3:12 2:21 5:35	3·29 4 57 9	1.05 2.81 1.41 5.72	1. 2
	Dinagepore	Mohadebpore Churamon Raigunge Dinagepore Baloorghat	0.02	0.48	2.00	1.50 0.47 0.11 1.60	0.50 0.09 0.23 2.56 1.65	0°24 0°25 0°74	0.12	2 3 6 2	2.00 0.80 0.59 7.43 1.80	5°51 3°94 5°92 11°61 5°48	4°96 8°46 5°35 5°61 8°15	2.67 3.20 5.51 10.58 3.58	11 12 24 31
	Rungpore .	Bhawanigunge (Gyabanda).			0.64	2.35	0.12	1.86		4	5.02	10.51	7.86	7.83	4"
		Rungpore Kurigram Bagdogra (Nilphamari.)		0°33 0°52 1°16	0°95 1°54 1°75	1.59 2.46 1.60	2.01	0°37 0°51 0°29		4 5 4	2.94 7.04 4.80	6.11 15.90 11.6s	9·12 11·65 9·95	4°81 7°66 9°04	6.0
6	Julpigoree Cooch Behar	Julpigoree Alipore Doar Fallacatta Dinhatta Cooch Behar Mickligunge Matabhanga	0°44 0°20 0°91 0°62 0°05	1.26 1.55 0.33 0.52 1.10 1.22 0.69	0°17 0°24 0°86 0°21 0°35 0°11 0°06	0.48 0.23 1.55 0.61 0.40 0.72 0.58	2.62 0.35 1.90 1.83 0.02 0.35 0.35 0.99	0:48 0:03 0:25 0:23 0:65 0:39		5 6 6 5 5 5 6	9:45 3:18 4:15 5:48 1:61 2:43 3:67 2:66	9°57 12°15 12°30 7°58 9°42 9°19 7°48	10°34 P 13°89 14°06 11°61 13°10	6.29 5.52 6.34 2.39 3.32 4.30 8.11	673 P P 973 873 776 888
	Darjeeling Hill.	.Buxs Silliguri Darjeeling Kalimpong	2·42 0·86	2.04 0.36	2°10 0°24 0°03	1°84 0°47 0°17	0.78 1.66 2.04 0.40	0°24 0°48 0°69 0°26	1.13	6 6 4	7°95 5°93 3°16 0°86	16:07 8:01 8:22 5:33	18:28 4:77 7:35 5:66	8.62 6.67 3.75 0.92	11.7 9.3 3.1 1.7
BRHAR	Purneab	Kissengunge Arrareah Purneah Gondwara Balarampore Mattaganj		2'95 1 37 0'07 2'35 0'25	0.02 0.02	0°15 0°35 0°02 1°54 0°24	0'40 0'70 0'08 0'12 0'24 0'58 0'33	0°90 0°20 0°14	0.74	5 3 4 1 3 8	4.90 2.42 0.35 0.12 0.45 4.47 2.01	6.76 5.58 2.35 2.12 1.34 6.89 5.01	4.71 4.90 3.27 ? ; ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?	5-94 4-22 1-96 2-12 1-30 4-86 3-21	23
	North Bhagul- pore,		0°55 0°38	0.10	1.20	0.33	0°17 0°15 0°20			2 4	0°27 0°70 2°41	2°53 3°24 4°22	3.44	1.85 1.80 5.69	1.9
	Durbhungs	Tajpore Durbhunga Msdhubani Rahera Eoshera				0.18	0.10 0.10 0.10			Nil Nil 2 1	Nil Nil 0.38 0.10 0.10	6.02 1.72 4.01 2.20 1.35	1.25 2.16 2.44 9	Nil 0°90 2°20 0°75 0°10	0.2 0.2 1.1
	Mosufferspre	Sitamarhi Mozufferpore Hajipore Paru Mahua Sinhar	 			0.30	0.62 0.38 0.15 0.15			Nil 2 1 1 2 Nil	Nil 1'32 0'38 0'15 0'45 Nil 0 13	2:47 2:37 1:95 0:64 1:30 3:00 5:51	2:32 2:30 1:34 ?	1'88 2 17 0'77 0'49 0'80 0'70	0.8 0.9 0.9
	Chumparun	Motihari Bettish Bagaha Burhurwa	0.18				0°28 0°54 2°05 0°38			1 1 1 1 1	0°28 0°54 2°05 0°38	3·11 4·73 6·94 2·14	2°27 2°45 ?	3°73 1°40 2°25 4°71 1°16	111

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th May 1886-concid.

50					R	AINPALL	/			Tor	AL.				
Meteorological division.	District,	Ntation.	Naturday, 22nd May.	Nay, 23rd	Monday, 24th May.	Tuesday, 25th May.	Wednesday, 26th May.	Thursday, 27th May.	Friday, 28th May.	Number of rainy days.	Rainfall of week.	Total rainfall since 1st of month.	Average total rain- fall from 1st of month.	Total rainfall since 15th May 1886.	ra
NORTH BEHAR -continued.	Sarun	Gopalgunge					0.29			1	0.29	2.75	2:73 1:48	2·31 0·66	
		Sewan Chuprah		******			0.08		0.02	1	0.02	1'87 1'92	0.95	0.12	1
SOUTH BRHAR	Shahabad	Buxar Dehree	*****			******		0.08		Nil	0.08 Nil	0.30	0.64	0.28	
		Bhubooah		******	******	0.42	0.20	******		2	0.85	1.86	0.99	1:46	
		Sasseram	*****		******	0.20	0.56	******		1 2	0.26	0.26 1.56	0.98	0.25	7
		Mohania		******		0.20	0.35			-			P	45	1
	Gya	Aurungabad				0.11	1	0.15		2	0.23	0.31	1.24	0'81	1. 9
		Gya Nowadah				1.54	0.59			2 2	1.23 2.31	1.53 2.71	1.40 1.83	1.23 5.65	1
		Jehanabad				0.57	1.35	0.07		2	0.28	0.86	1.16	0.25	
	Nije	Arwal Dandnagar		0.63				0.70		Nil 2	0.73 Nil	2·28 0·40	9	0°88 0°40	1 8
		Sherghati			******					Nil	Nil	Nil	P	Nil	
		Rajauli Pakri Barawan	*****			2.305	2.005	***		2	4.305 0.10	4·30? 1·00	9	4'30? 0'30	1 3
						0.10				1			1104		1
	Patna	Patna Dinapore					0.18			1	0.18	0.52	1.10	0'48 0'28	1
		Behar	******			0.04	0.16		0.03	2	0.07	0.50	1.88	0.07	9
		Barrh	*****				0.90			1	0,60	2.00		1.60	13
	Monkbyr	Begoosersi		*****		0.21	0.33			2	1.04	1:31 3:15	1'80 1'73	1'25 2'49	1
		Jamui					1'58 1'24	0.26		1 2	1.28	2.08	1.70	1'66	. 3
		Gogri					0.22	******		1	0.55	0.61 5.68	9	0.61 2.6s	1
	South Bhagul-	Bhagulpore	******			0.16	0.58	3.03		1 2	2.03	1.22	2.08	0*97	
	pore.	Kolgong				0.64	0.96			2 2	1.24 1.36	4.05 1.66	1.98 P	3.09	
	The state of the s						0.23			2					
	sonthal Per-	Rajmenal Godda		******	0.83	0.23	0.14	0.14		4	3.10	5.82 5.28	3.78 2.13	3°24 4°20	1
		Pakour	******		0.02	1.57	0.14	0.12	0°05 0°38	5	2.51	6.37	2.90	5'61	1
4		Nya Doomka Deognur			0.03	0.04	0.39	******		3 2	0'46	3.23 5.23	2.63 2.20	1.12	- 3
		Jamuars					0.88	0.06		1	0.87	4.53	2.80 b	2'71	- 1
		Simra Nanihat				1.35 0.15	0.94	*****		2 3	2.26	4·76 5·08	. 9	3'95 4'81	
		Deshamba		****			0.78	0.12	******			2.60	1.96		
CHUTIA NAG-	Hazarıbağh	Pachamba		0.62		0.14	1.79	0.03		- 4	2:58			2.28	- 3
		Hazarioagh Semtaguran		0.11	1'48	0.12	11.13	0.08	0.32	6	3.28	3°38 2°55	1 '66 2 '47	3'31 2'45	
		Mahudi Hills	******	******	0.35	0.41	1,10		0.58	4	2.45	2 55	1.89	2 40	- 1
		Jhoomrah Hills Barhi			t	0.40					0.90	1.26	2.24	1.23	- 1
		Chatra			0.11	1.17	0.50	0.15		2 3	1.40	2.12	9	1.92	100
		Karagdeha			******	0.15	1.55	0.10		2 4	1.65 0.63	7 '95 1 '45	9	1.95 1.34	
		Kamghar				0.12	0.32	0.02	0.11	,	0 00				- 3
	Lohardugga	Lohardugga			0.12	0.72	0.93	0.40	0.52	5	2.44	4.56	9.	4183	
		Ranchi			0.13	0.47	1.19	0.03		4	1'88	3.88	5.02	2°16 2°10	1
		Silli			0.07			1.00	0.17	2	1·17 0·07	2°14 0°17	1	0.07	
		Balumat Hosseinabad			4.7			******					9		
		Garwah		,,,,,,			1:63	0.33				100	P		
	Singbhoom	Chyebassa		0.11					0.32	4	2.23	5.15	3:19	5'08	1
		Chakradhar-			0.19	0.25	1.20 0.58	0'87	0 12	. 5	2.59	€ 3.45	P	3.01	7.19
		pore. Ghatsilla			0.42		0.10			2	0.25	4.02	9	2.87	
		Baharagura					0.10	0.45		i	0.45	4'45	. 9	1'51	
100 k	Manchoom	Purulia			0*18		1.46			2	1'64	2.62	8.01	2:11	1
10 10 10 11	100	Gobinapore Raghunath-		0.58			0.87			2	1'15	1.47 4.73	1.60	1'33	10
		pore.			2.14		1.87			2	4.01	100000000			
		Barrabhoom	******		0.33	***	0.27		0.09	3	0.66	1.77	9	1'07	
		Chas	******	0.37	0.11		0.50	0.05		1 4	0°50 1°94	4'18	9	2:91	
	130				1	1 700	15.					100000000000000000000000000000000000000	THE CASE OF THE	17. Maria 18. 18. 18.	100

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of themse wenting, the corresponding spaces in the total rainfall columns are left blank.

Celcutta, the 1st June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 28TH OF MAY 1886.

One of the principal features in the meteorology of the past week has been in connection with a second advance of monsoon winds, which was taking place in the southern part of the Bay at the close of the previous week, and which, it was stated in the report for that week, would probably advance further up the Bay than the previous advance. The strong winds which were noticed at the Ceylon stations increased in force on Saturday, the 22nd, and pressure commenced to fall in the south-west of the Bay. On the morning of the 23rd a distinct cyclonic storm had formed off the South Madras coast, and by the following morning it had advanced over the coast line between Madras and Negapatam, the centre of the storm being apparently almost on the coast at 10 a.m. on the Monday morning, and nearer to Negapatam than to Madras. The storm was of considerable diameter, but the barometric depression at the centre was small, and though it was sufficiently powerful to give strong winds and rather stormy weather along the Madras coast, it cannot, so far as the observations received have shewn, be said to have been a violent storm or cyclone. On the following day, the 24th instant, the storm had apparently crossed the peninsula, and it ceased to affect the weather in the Bay of Bengal.

This moist southerly current, in front of which the storm just described had formed, apparently continued its advance up the Bay, and more particularly along the east coast, and on Wednesday, the 26th and on the 27th, there were indications that an extremely feeble cyclonic circulation had been set up by the advancing current over the centre of the Bay, and at this time a moist southerly and south-easterly wind current advanced over Bengal, giving rise to general rain in almost all districts of the province. This current can scarcely be said to have been the commencement of or the setting in of the rains, but it is rather a sort of preliminary advance of moist southerly winds, pushed forward or brought up by the strong winds in the south and centre of the Bay, which has drifted over the province, but which has not had sufficient strength to advance far into the interior of the country. During the earlier part of the week over the greater part of the province weather was fine, or in such parts as East and North Bengal decidedly showery, but with the advance of this southerly current from the 25th to the 27th rainfall became much more general and decidedly heavier over South-West Bengal, East and North Bengal, and over South Behar

and Chutia Nagpur, while numerous showers fell in North Bengal and Orissa.

The variations of pressure during the week have not been of great importance, though for the first two or three days the variations were to a certain extent influenced by the formation of the cyclonic storm in the south of the Bay. After this pressure fell pretty steadily up till the 26th, when a slight recovery took place, which was, however, succeeded by a further fall on the last two days of the week. For almost the whole week therefore the general pressure has been steadily decreasing, and the effect has been to diminish the previous large excess pressure which had been registered. At the close of the previous week the excess pressure at many stations equalled 0.15", while for the whole week pressure had been in excess by 0.1". By the gradually diminishing pressure this week, the excess has been reduced to 0.062", but the excess is generally smaller in the western and southern districts than it is in the eastern and northern districts.

Temperature has, with the comparatively heavy rainfall during the week, been decidedly low, and all districts except North Behar show temperature considerably below the normal. The greatest defects are in South Behar and Chutia Nagpur, where they are 3° and upwards; in Orissa, South-West and East Bengal the defects are from 1° to 2°, while in North Behar temperature has been nearly normal. For the whole province the mean tempera-

ture for the week has been 1.7° below the normal.

Rainfall has been most copious in East Bengal, which district has received 3.35 inches against the normal fall of 2.44 inches. The actual fall has therefore been considerably in excess of the normal. North Bengal has received an average rainfall of 2.82 inches, while the normal fall is 2.31 inches, and has thus also received considerably more than the usual amount. South-West Bengal has registered an average amount of 2.04 inches against the normal 1.27 inches, and again this district has received a fall largely in excess of the normal. Chutia Nagpur has received 1.81 inches against the normal fall of 0.40 inch, so here the fall has again been copious. South Behar has recorded an average fall of 0.99 inch, which is almost three times the normal fall of 0.37 inch; and North Behar has registered 0.79 inch against the normal 0.61 inch, and has received a considerable excess fall. Finally, in Orissa the rainfall has been in decided defect, and the average fall at all the stations from which records have been received shows only 0.53 inch, while the normal fall for the week is 0.86 inch; the actual is therefore less than two-thirds of the normal fall.

The distribution of the rainfall has, however, been somewhat irregular and capricious in the various districts, and thus while in South-West Bengal the rainfall has been generally considerably in excess, the Midnapur and South 24-Pergunnahs districts show falls in defect of the normal. Also in North Bengal, where again the general fall has been in excess, the Maldah district has only received about a third of the normal amount. In South Behar the rainfall has been deficient in the Sarun, Chumparun and Durbhunga districts, and largely in excess in Purneah. In South Behar the Patna district has shown a fall below the normal, though other districts round it have received four and five times their normal falls.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 28th of May 1886:—

				2	EMPE	RATUR	в.					1	CAINE	ALL.		- 1		
			у жеек.	week.	Avera	gesfor	week.	above or	(of wee	k.	Ra	iny da	ıys,	Since		Since May	15th 1886.
METEORO DIVISI		CAL	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below normal mean of	Average,	Normal average.	Variation.	Average number in week.	Normal average num- ber in week.	Variation.	Average.	Normal average.	Average.	Normal average,
rissa			102'4	73.8	92.7	79.3	86.0	-1.1	0.53	0.86	-0:33	1.1	1.8	-0.7	4'28	3.17	2'20	1'43
outh-West Beng	za.l		102.1	72.2	95'1	77:4	86.3	-1:3	2.04	1.27	+0.77	2.8	2.1	+0.4	6.99	4.66	3.01	2.08
last Bengal		***	95.3	69.1	89.6	75.5	85.6	-1.2	8.35	2.24	+1.11	4.5	2.9	+1*3	9.43	8.77	4.08	3.79
orth Bengal	***		96.7	66.6	90.6	78.2	81.5		2.85	2.31	+0.51	4.5	2.4	+1.8	7.26	7.71	4.28	4'35
orth Bens:			104.2	69.9*	97.0*	76.7*	86.9*	-0.3.	0.48	0.61	+0.18	1.6	1.0	+0.6	3:38	2.28	1.89	1'14
outh Bens	***		106'1	61.05	98.8	77.09	87.92	-3.3	0.88	0.37	+0.62	2.0	0.8	+1.5	2.34	1'82	1.64	0.98
hutia Nagpur		***	101.04	65.9+	95.64	72.84	84'2†	-3.01	1.81	0.40	+1'41	3.3	1.2	+1.8	2.21	2.13	2.52	0.90

<sup>Purneah not included.
† Chyebassa not included.</sup>

METEOROLOGICAL OFFICE, BENGAL;

ALEXANDER PEDLER,

The 1st June 1886.

Offg. Meteorological Reporter to the Govt. of Bengal,

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 23rd to 29th May 1886.

			TEMPER	ATURE.			Ни	GROMETRY.		
MONTS.	Date.	Mean.	Maximum,	Range,	Minimum	Mean wet bulb.	Vapour tension.	Dew point,	Humidity.	Rain,
1886	-		0	0	• ,	٥	Inches.	0	%	Inches.
May	24th 25th 26th 27th 28th	85.8 85.4 81.4 83.9 82.3 82.4	95·0 95·5 93·8 93·8 95·5 94·5 95·0	16.7 16.7 14.0 20.6 18.7 16.3 15.2	78·3 78·8 79·8 73·2 76·8 7 8·2 79·8	78·2 77·6 80 7 78·8 78·9 78·9 78·9	910 9839 986 952 922 943 916	76 4 73 9 78 8 77 7 76 8 77 5 76 5	82 68 80 89 79 85 83	0.07 0.32 0.10 0.02
		perature of							83·4 22·3	

The mean temperature of the seven days
The extreme variation of temperature
The maximum temperature
The mean relative humidity
The total fall of rain from 23rd to 29th May 1886
... 0.51

The total fail of rain from 23rd to 29th May 1886 ... 0.51
The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringnee, in past years.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 31st May 1886.

A. PEDLER,

For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 23rd to 29th May 1886.

			bright	meter	1	CRMPRE	ATURE			HYGRO	MHTRY		WIND.			1.
Mouth.	Uate.	Maximum in sun.	Number of hours of sunshine,	Men pressure barometer at 52 Fahr,	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point,	Humičity.	Prevailing direction.	Miles recored	Rain.	WHATHEE,
		0		Inches.	0	0		0	0	Inches	0	%			Inches.	-
Мку	23rd	156.2	9.8	29.774	85 1	94.3	16.7	77.6	79.8	0.948	77.6	79	S and variable	93	0.01	Partially cloudy d,, t.
"	24th	153.5	11.7	*716	86.1	92.6	14.5	78.1	80.1	949	77.6	77	S and SSW	160	Nil	Partially cloudy
"	25th	154.0	11.0	469	84.8	91.5	12.9	78.6	79.5	.938	77.3	79	SE, S and SSE	142	n	Partially cloudy
99	26th	157:9	10:4	719	83.1	92.5	20.1	72.4	77:7	.901	76.1	78	SSE and variable	125	0.03	Chiefly cloudy
37	27th	154.0	8.9	*654	83:7	94.0	18.3	75.7	77.8	*875	75 2	77	S, SSW and variable	122	0.02	Chiefly cloudy, o, g, d, t, p.
"	28th	154.3	4.9	*820	840	92.3	14.6	77-7	79.1	.031	77.1	80	ESE and SSE	103	0.01	Chiefly cloudy,
27	29th	155.0	4.8	-633	85.2	93.2	14.3	79.2	80:0	952	77:7	78	SE and SSE	117	40.0	Chiefly cloudy,

			- 10 CHEST 2 - 12 CHEST
	The mean pressure of the seven days The average pressure of the corresponding period for 24 years, S. G.'s Office		29.687 29.609
1	The total number of hours of bright subshine The maximum possible number of hours of subshine	***	Honrs. 61:1 93:2
	The mean temperature of the seven days The average temperature of the corresponding period for 24 years, S. G.'s Office		84.6
	The extreme variation of temperature The maximum temperature		86·7 21:9 94·3
	The highest velocity of the wind in one hour		Miles. 18
¥	The highest pressure of wind on one square foot		4
	The mean relative humidity The average relative humidity of the corresponding period for 24 years, S. G.'s Office	 e	78 75
	The total fall of rain from 23rd to 29th May 1886 The average fall of the corresponding period for 24 years, S. G.'s Office The total fall from 1st January to 29th May 1886 The average fall of the corresponding period for 24 years, S. G.'s Office	1402 h	1100 114 1140 1156 919
	The second of the B		

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the rmometers are verified, and the readings have been corrected to a standard constructed and verified at the Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet we the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86,

merly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Reorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary snowers, and dew.

A. Pedler,
For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

From the annexed table exhibiting the mortuary statistics of the districts in Bengal for the month of February 1886, the following results are apparent:—

1. That the deaths of 94,331 persons were registered among a population of 66,163,884, or at the rate of 17.04 per thousand per annum, against 22.32 per 1,000 in the preceding month, and 17.40 per 1,000 in the corresponding month of the preceding year, indicating, as compared with the preceding month, a considerable falling off in the number of deaths recorded.

That the highest casualty rates were returned from the following districts:-

	Deaths.				Deaths.		* 15-64
		I	Ratio per mille.			F	Ratio per mille.
Balasore			28.32	Cuttack			26.40
Pubna			26.52	Jessore	***	***	25 68
Julpaiguri	***		26.52	Rungpore		•••	25.20

3. That the mortality from the principal diseases specified in the following table exhibits no marked difference in comparison with the results of the corresponding month of 1885:—

				R	Ratio per mille during the weeks ending-					
					February 1886.	February 1885,				
Cholera				***	1.08	1.20				
Small-pox					.07	12				
Fever		***	•••	•••	12.48	12.60				
Bowel-complaints		***			.60	.72				
Injury		***	***		.12	.12				
Other causes	•••		***	• • • • • • • • • • • • • • • • • • • •	2.52	2.40				

4. That while the incidence of small-pox, bowel-complaints and injury was, on the whole, normal throughout the Province, and the maladies grouped under the head for "Other causes" proved conspicuously fatal only in the Puri district, viz. at 11:16 per 1,000 of population, cholera and fever caused the highest mortality in the following districts:—

	Checech de.					- L. C. D.			
			B	tatio per				Ratio per	
-		9	A .		T) 1			mille.	
Balasore	***	***	***	7.56	Pubna		 	25.56	
Jessore			***	6.60	Julpaiguri		 	25.32	
Cuttack	***	***	***	4.68	Rungpore		 	23.28	
24-Pergunnahs	***			3.84	Dinajpur		 	21.12	
Midnapore	***			3.72					
Puri	• • • •			3.60	1				
Mymensing		•••	***	2.88					
Nuddea	****	***	***	2.04					
					4				

5. That in relation to Sex, Class and Age, the death-rates during the months under notice stand as follows :-

According to Sex.	According to Class.	According to Age.	
Males 18.6 Females 15.8 Ratio of male deaths to every 100 female deaths 11	Christians 11 12 13 14 14 14 15 16 16 16 16 16 16 16	1 year and under 5 years 10 , , , 10 , 20 , , , 15 , 20 , , , 30 , 30 , , , 40 , 40 , , , 50 ,	. 6.72

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 29th May 1886.

a			1 to every	Hatio of male deaths.	110 110 110 110 108	108	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ja j
			NUM.	Femules.	14-64 13-32 12-72 19-20 15-96	18.12	19.08 19.08 19.08 10.08	15.84
ø		Sex.	RATIOPER 1,000 OF PUPULATION PER ANNUM.	Males.	18'60 17'04 14'88 24'60 22'92 17'64	21.00	17-49 16-90	18.60
				Females.	885 598 442 555 7557	794	888 1,428 1,954 1,504 1,004 1,527 1,527 1,528 1,488 1,488 1,488 1,488 1,488 1,488 1,488 1,488 1,488 1,488 1,141 1,141 1,141 1,141 1,141 1,148 1,	18,481
7			РЕАТИВ АМОУС	Males.	1,040 721 476 9,553 604 258	862	468 1,735 1,1735 1,158 1,586 1,586 1,586 1,586 1,198 1,1	50,900
			PERIODS.	Ratio of deaths per 1,000 of popu- lation per annum in the correspond- ing month of the previous year.	28.32 14.28 22.28 20.76 20.76 23.16	23.76	23.00 28.00 28.00 28.00 20.00	17.40 5
8			COMPARISON WITH PREVIOUS PERIODS.	Ratio of deaths per 1,000 of population per annum in the previous in one previous previous previous previous	18.48 14.88 15.60 24.72 23.04 24.96	\$3.64	20.1.18 20.0	35.35
			ĸ.	All causes.	16.56 15.12 13.80 22.44 21.00 16.80	19.28	16-98 20-28	17.04
	-0I		R ANNUM	Other causes.	1.92 2.93 2.93 1.83 3.60 3.60	2.40	88.88 11.66	89.8
	Y ACCORDING		ATION PER	Injury.	21. 00. 00. 08. 1. 21.	.15	######################################	118
10	TTY 00 PO			Bowel-complaints.	12. 17. 17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	2.23	888 888 888 888 888 888 888 888 888 88	09.
,	MORTALITY		PER 1,000 OF	Pevers.	14.04 11.84 11.28 14.04 15.72	13.44	4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	13:48
	MO		RATIO PER	Small-pox.	.0. .01 .01	10.	100.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.000, 500.0	20.
	Disease		RA	Сројега.	.10 .24 .3.72 1.08	72	10.00 10	1.08
	(4)		All causes.	1,925 1,319 918 4,717 1,161	1,656	861 11,675 11,675 11,675 11,675 11,675 11,675 11,675 11,675 11,675 11,774 11,77	188'60	
8			*	*	Other causes.	223 238 152 579 101	208	255 255 255 255 255 255 255 255 255 255
				Infury.	17 6 7 10 10 5	12	24429 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	976
4			S PROM-	Bowel-complaints.	35 29 8 360 116	253	266 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3,662
			DBATHS	Pevers,	1,631 1,019 750 2,960 872 265	1,137	289 230 2315 2315 2315 2315 2315 2315 2315 2315	68,988
				8mall-pox.	SH4 8	61	8 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	414
L	3		(1) (1) (1) (1) (1)	Cholera,	18 24 796 62 9	11	86.000 22860 1.0886 1.44	6,172
				Total.	1,391,823 1,041,752 794,428 2,515,565 663,050 351,955	1,015,005	685,381 1,880,869 1,655,721 1,280,794 1,772,948 1,773,948 1,511,728 1,631,773 1,631,84 1,756,896 1,756,896 1,756,896 1,751,996 1,756,896 1,756,896 1,756,896 1,756,896 1,756,896 1,756,896 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,756,896 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1,757 1,750,996 1	66,163,884
80		NOITH HIGH		Perceles.	723,528 534,616 412,865 1,272,870 847,395 177,589	524,974	\$18,902 859,488 850,104 673,604 673,604 673,412 1,030,203 861,546 873,907 1,085,745 875,745 875,745 1,085,745 1,081,241 1,011,24 888,073 1,011,24 1	33,331,668
		104		Males.	668,295 507,136 381,563 1,243,195 315,665 174,866	490,031	\$16,479 \$66,479 \$66,443 \$66,443 \$782,922 \$66,226 \$1,067,701 \$9,239 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,937 \$1,033,545 \$1,035,731 \$1,	32,832,216
			DIST RICTS.		111111	Total (Hughli including Serampore)	as a section of the contract o	TOTAL FOR THE PROVINCE
					Burdwan Bankura Birbhum Midnapore Hughli Sersmpore	Total (Hug	Howrah 24-Pergramahs Nuddea Nuddea Nunxhicabad Khulm Parkhye Ru grore Ru grore Ru grore Ru grore Ru ring Partidote Heen Partidote Noneshin Tipperah Partin Noneshin Naneshin Naneshin Naneshin	TOTAL .
1.1	pittstons.				BUEDWAN		PRESIDENCY BAJSHARIS CHITSTONG PATSA BRAGULFORE ORISSA OCOTANAGZORE	

	DIVISTANS			A LEGATA	-		BASSHARTE	10074	Chiliagone	A 4444	E10414	-	HOTA NASPORE		
	DINTRICTS.				Barkura	fotal (Hughli including Serampore)	flowrah 1-fergunnahs	tangence	Parcial Parcia Parcial Parcial Parcial Parcial Parcial Parcial Parcial Parcial	Noathaille a se	isahabad	Biguipore	onthal Pergunushs	Amsorte	TOTAL POR THE PROVINCE
				,ensiteitAQ		80	188 1 1 1 1 1 1 1 1 1	- •	∞ 4 ∞ −		1111		91	11	96
			DRATHS	Hindus.	1,548 1,218 4,332 4,332 401	1,324	669 1,388 1,564 7,86 1,312	28.8 8.8 8.8 8.8 8.8 8.8	1,3% 886 1,069 1,586 363	302 754 1,592 1,830	1,762 1,818 2,552	2,912 2,852 1,451 448	3,904	1.00 E= C W	296,982
		•	IS AMONG	Mahomedans.	877 49 188 188 236 93	329	1,166 1,669 2,601 635 885 1,518	2,783 2,783 2,097	1,093 1,093 7,473	1,820 1,820 252 252	208 208 273 273	296 296 296 296 296 296	126	101 93	82,549
			1	Budhists.	1111111		441111	119	, 12 	1111	1111	11111	111	[[]]	7.8
		5		Other classes.	141 1.11 1.41 1.11 1.11 1.11 1.11 1.11						1111	9 1	941	250 748 22 51	1,649
		Class.	RATTI	Christians.	214-20 16-20 82-68 32-76	96.49	576 20°64 1116 15°96	139.41	10.80 17.46 9.60	13.80		21.96	25.56		100
			RAIIO PRE 1,000 OF POPU FER ANNUM.	subniH,	16.46 15.96 14.04 25.16 20.76 16.44	19.68				17.64	15.25 9.26 9.38 15.12	19.68 19.68 16.08 14.16	26.76	10.20 10.20 13.08	16.68
			OOO OF PANNEM	Mahomedans.	17.04 12.64 13.80 17.76 21.72 18.84	88.03	17.28 18.84 26.172 26.64 19.08 19.08	18.56 18.66 18.66 18.66		19-44 13-3: 14-16 13: 8	12.52	16.56 13.08 14.64 10.80	10.50	14.60	18.51
			POPULATION DM.	Budhists.				84.6	7.44		1111		111	[[]]	10.92
		1	TON	Other classes.	7.26 5.76 14.40		16.68	28.44	14.76			4.56	6.72	38.88 14.28 36.96	11.76
				Under I year.		165	357 357 187 145 216 218	151 154 152 192	164 145 908 257	3338 338 469 863 863	453 150 188 513		3.11	259 259 113	12,689 10
200	MORTAI			years, mider 5	93 67 369 65 46	111	102 325 407 446 141 202 190	255 286 1114 532 13	87 440 216 367 349	103 193 193	203 242 390 390	235 225 86 86	150 586 119	120 120 184 56 89	0,122
	ORTALITY ACCORDING			5 and under 10 years.	86 4 2 2 4 2 5 4 2	69	216 216 396 400 104 83	335 315 65 395 11	203 146 168 289	101 77 89	84 113 141 126	63 164 136 131 47	28 11 12 12 12 12 12 12 12 12 12 12 12 12	166 53 61 20 55	6,165 8,
	CCORD		DEATES	years.	75 12 40 72 187 23 111	98	2573 2573 2573 2573 2573 2584 2584 2584 2584 2584 2584 2584 2584		149 149 176 193 203						14
01	ING TO		res.	20 and under 30 years.	329 305 77 195 40 117 246 597 62 191 25 76	87 267	36 108 171 254 171 254 171 255 85 192 85 192 83 187 817 475							34	=
	-0			30 and under 40 years,	279 1146 115 675 131 61	192	269 273 533 219 518								11,150
	A B		Arrest (years. 50 and under 50 50 and under 60	964 128 120 509 184 74	258	79 287 287 558 170 162 868	267 594 130 241 30	2828 2828 2857 4437	156 179 179	237 245 254	883 883 883 883 883 883 883 883 883 883	312 312 152	207 140 192 193 99	0,149 9,
			years, and up-	210 1125 439 162 35	197	77 269 241 359 131 135	162 371 103 199 13	200 200 200 200 301 301	1122 1111 213 223	250 52 250 52 25	258 258 758	102 350 161	133 193 80 80 80 80	152 15	
No.		dg Gg		Wards. Under I year.	253 88°08 223 81°60 122 106 32 749 123°60 168 69°29 76 80°16		1187 75.9 5534 88.6 579 43.5 579 43.5 253 62.1 813 86.2	72685	28484	641179	2445	357.53	413	25 25 25 25	464 97-8
	100		RA1	sind under 5	11.77		96 18-96 83 18-84 84 24-09 56 12-84 13-88 13-88 13-98 13-98				10.44 17.63 12.72 10.68	76 10 48 88 24 90 40 17 40 36 12 90 64 12 24	1.82	86 9718 86 9719 88 974 878 876	2 14.76
			TIO PER	5 and under 10	6.12 5.88 5.64 10.44 7.80 8.40	10.8	7.33 10.68 18.72 16.56 6.84 6.96	11.88 6.36 22.44 7.08	1.20	4 4 10 00 00 00 00 00 00 00 00 00 00 00 00	8.36 4.48	5.16 5.40 5.40	3.36 6.60	252 2752 2752 2752	1.5
			1,999 or	10 and under 15 years.	6.72 4.44 4.08 9.00 10.56 1.4.20	8.52 1	3.12 8.04 118.95 115.24 17.68 1.04 9.12								
13			Daog &	years.	88 88 88 48	1.	7*** 10*** 15*** 16*** 15*** 16*** 15*** 16*** 15*** 16*** 1								
			LATION	years, years,	14.28 15.00 13.08 11.88 10.32 11.16 15.09 22.09 17.52 14.64 12.84 12.49		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		20.28 26.88 10.20 13.29 10.44 12.84 10.08 13.56 15.72 16.44						13
		70	PKE A1	os nad under 50 years.	1980000			94 25 98 86 33 98 88 28 76 89 28 28	20118	1221	18121	SALES	253	72 17 5 17 5 17 5 17 5 17 5 17 5 17 5 17	1000
			NNCH.	50 and under 60 years,	THE RESERVE TO A CONTRACT MEMBERS.		24.60 29.16 29.16 26.88 34.32 4.36 4.36 4.36	8 3572 6 3572 8 3578 8 254	22222	202 202 242	2 24.7	76 35 76 35	36.	30.30.30.30.30.30.30.30.30.30.30.30.30.3	818

MEMORANDUM.

During the week ending 15th May 1826, the returns from the principal Municipalities

in Bengal furnished the following results:—

1. That births were registered in the above Municipalities at the rate of 16.4 per 1,000 of population as opposed to very nearly the same proportion, viz., 16·1 per 1,000, in the preceding week ending 8th May, and deaths at 22·3 against 21·5 per 1,000, showing a small increase in death registration.

2. That the highest proportions of births and deaths were returned from the undermentioned Municipalities :-

			I	nille.		Death.			tio per
Beauleah	• • • •			36.8	Beauleah				57.8
Naraingunge	***	• • • •	***	33.1	Puri		***		33.6
Kishnaghur	***	***	***	32.2	Kishnaghur	***		***	32.2
Burdwan	***		****	35.0	Burdwan	***	***		32.0
Durbhanga	• • • •	•••		30.7	Comillah		***	***	30.8

3. That the mean mortality from the principal diseases mentioned in the following table, in comparison with the mortality from the same diseases in the preceding week, stood as follows :-

							Ra	tio per mille duri	ng the week ending-
							15	th May 1886.	8th May 1886.
•	Cholera		***					1.9	2.2
	Small-pox				•••			.1	.1
	Fever			***			***	9.5	9.9
	Bowel-complaints		***	***	***	***		4.1	2.9
	Injury		• • • •		***			•4	·4
	Other causes	***		***				6· 3 .	6.0

The only noticeable fact revealed by the above figures is that the death-rate from bowel-complaints has risen sensibly.

4. That of the above-mentioned diseases, cholera and the maladies classed under the head of "Other causes" were more fatal to life in the following Municipalities:—

Che	olera.			Other Causes.							
		1	Ratio per mille.					io pe nille r			
Beauleah	***		23.6	Puri				16:8			
Puri	***		12.6	Suburbs of	Calcutta	***	* ***	10.8			
Kishnaghur	*17		7.5	Durbhanga	***	***	***	10.2			
Suburbs of Calcutta	***	***	3.9	1							

5. That the mortality of the week classified under the heads of Sex, Class and Age stands as follows:-

According to Sex.	According	According to Age.						
Ratio per mille.		tio per	1			Б	Ratio per mille.	
Males 22.4 Females 22.1 Ratio of male deaths to every 100 female deaths. 115	Christians Hindus Mahomedans Buddhists	 30·4 21·1 24·7 48·4		1 year d under 5 , 10 , 15 ,, 20	years	 	181·8 36·0 11·1 9·5 16·2	
			20 30 40 50	,, 30 ,, 40 ,, 50 ,, 60	"	:::	14.0 14.8 12.3 32.2	
			60 ves	rs and ur	owards		44.6	

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 31st May 1886.

NOTICE OF MINISTER NOTICE					Ratio of male deaths to every 109 female deaths.	133	09	112	268	No female death		100	183		No female deaths.	20	175	No female death	107	133	66			7						-	
NOTITITY ACCORDING TO NOTITY ACCORDING T	-		Sex.		-	66	e	1.3	1,000		3.1	co oc	0.8	- 1		4.82	1.9	 N	18.1	52.3	12.1	e e e	0.12	24.1	5.0	90.00	17.7	15.3	16.8	2.3	
NAMES of Microscopies Names Name				OPULA ON PE					-	-					90		-	10.3	0.21				41-120-100-0	-	0 0	3.2	92.00	0.98	3.61	3.6	
NATIONAL -			1				No. of Concession, Name of Street, or other party	 	***	-	4		;			00		-	60	60	4	55	18	00	9	=	00	0	60		
Northitate Nor				RATHS		6.9	60	6	00	-		61 6				-	1.5	1	14	*	H	4	33	61	63	9	63	13	11	10	
NAMES OF MINTON NAMES OF M		-					9	.*	. ~	75	10				1-		63	10	ė,	0.		27	*	io.	90	90	-	1	9.1	16.3	
NAMES OF MINIOT. NAMES OF MI		101		ooo, I 76 ni munin	Hatio of deaths per population of solution of a population was a population of the previous weekling weekling previous weekling previous weekling previous weekling previous weekling w	27.	18.	-21.	43	6	45		2 2	9																	
NAMES OF MINIOT. NAMES OF MI		ING 1		ed So	7II canses.	33.0	12.4	8.63	9.12	3.6	23.2	14.0	20.00	9	1.7	18.3	57.8	9.9	17.2	53.0	6.6	30.8	-		6.9		28.0	20.2	18.1	7.3	
NAMES OF MINIOT. NAMES OF MI		ORDI		TON P	Otper causes.	7.6	6.5	1	7.8	:	9.5	: :	0 0	9			10.2	:	80.00	12.4	:	7-7	9.5	8.9	:	1.5	10.5	6.9	7.0	1	
State Stat				PULAT	·Vanial	1.2	:	1.3	÷	:	:	:	9.	:	:	:	:	:	: :	:	• 1	:	į	1.4	:	:	åo	:	6.		
State Stat		ALIT	0	OF PO	Bowel-complaints.	3.0	1.2	8.0	6.2	8-6	10 64	:	4.1	:	;	}	: .	•	: 60	4.1	:	3.8	10.7	8.4	:	7.3	6.9	90	90	1.00	
State Stat		KORT		1,000 A.N.	Fevers.	19.8	4.6	13.4	2.0	:	12.6	10.2	in (S (5)	: :	10.0	9 10	9.9	90,10	1.5	\$.6	19.3	4.01	15.5	0.9	6.5	6.2	10.7	1.6	10.4	
State Stat	9		,	TO PER	.xoq-llam8	:		:		•	:	:		:	1	;	:			:	- 1	:	:	1	:	1.5	œ			6.	
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NAMES OF MUNICIDAR Name	**				Other causes.	KO	+		*	;	œ	:	22	6 7	1	1	; *	*	13	60		93	1.6	10	:	-	13	9	. 00		
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NAMES OF MUNICIDA POPULATION. NUMBER OF MUNICIDA NUMBER OF MUNICIPA NUMBER OF MUNIC	4			DRATH		2			*	;	67	90	46	11	;	-	93	9	- 0		4	10	62	8	N.	. 4	9	11	1 4	e a	-
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NAMES OF MUNICIPATION. Strangers Nationalics Natio	9			CIONO OZ	Ratio of male births, 100 female births,	8	8	00 00	133	female	oirths.	100	114	115	1	300		75		120	90	8	189	2 2	formala	irths.	9	123	6	107	- Water
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S. NAMES OF MUNICIPALITIES. Burdesn Midnapore Midnapore Hughli and Chinsurah Serampore		-	-	1		_	-	6,91	19,1	18,5	9 9	7.8	147.9	13,94	4,02	13,70	4,8	10,76	5,0	42,7	7,6	13,3	8,15	78,76	. 38,29	20,06	23,08	88,77	26,04	29,640	
WARRENGE STATES							1		ursh	ī	•	1	25		1										•		•		9		
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WARRENGE STATES					PAL		Wan	alode	105	apore	para	ą	be of	aghur	hat	940	9	ore Be	ing.		angus	gong	ah	City			erpore	anga.		Ipore	
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Pardvan Widnapore Widnapore Widnapore Retumpore Retumpore Resistance Jesore Jesore Grittagora Daviding Pakna Sinababad Monufferpore Murchanga	1				DISTRICTS		uw	pore	1	eao		1	nameh		:			9.5				yu	-	1		p	pore	£4	1	Bhagulpore	

on-General,	Sanitary Commissioner for Bengal.
Surge	iission
Deputy	ry Comn
M.D.,	Sanita
R. LIDDERDALE, M.D., Deputy Surgeon-General,	•
B.	

								hr					MORT	ORTALITY		ACCORDING	TO_						4				
					Cla	Class.													Age.								
DISTRICTS	NAMES OF MUNICI-	Di	DEATHS AMONG-	HONG-		RATIO 1	RATIO PER 1,000 OF POPULA- TION PER ANNUM.	B ANNU	OPULA.				,	Draths.							RATIO 1	RATIO PER 1,000	OF POPULATION	TION P	PER ANNUM.	ų.	
	Autures.	Christians.	Hindus. Mahomedans.	Buddhists.	Other classes.	Christlans.	-supuiH	Mahomedans.	Other chases.	Under I year.	land under 5 years.	years, 16 10 and under 16	years.	years.	30 and under 40	of and under 50 years,	50 and under 60 years.	60 years and up-	Under 1 year.	I and under 5 years.	5 and under 10 years,	10 and under 15	Je and under 20 years.	years.	years,	years. 50 and under 60 years.	60 years and up-
Burdwan B	Burdwan	-	12 9	-		-	8.93	9.24	1:	10	-	01	-		\$1 \$1	90	60	4	393.9	:	9.15	:		13.1	15.1	35.3 63.5	5 140.4
Midnapore	Midnapore	i	7 1	_	-	1	14.0	1.5	- : - :	67	1	:			67	:	;	03	140.0	22.1	;	:	-	24.5	\$.6	-	26.8
Hughli I	Chinsurah		6	~			14.8	0.19	- 1	99	60	63		:		-	10	-	\$.291	2.82	8.62				14.8	10.1	6 21.7
	Serampore		6		1		-	110.8	- 1	0.1	03	г			63	_	-	-	146.2	57.6	20.2	:		18.3	10.2	15.4 27-2	8 87.4
Serampore	Utterpara	i	1			:	7.6	-		:	-	:	;		:	1	:	;	:	125.5	i	:	:	-	-	-	
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24-Pergunnalis S	Suburbs of Calentta	4	87 . 55			51.4		29 8 409-4	4.6	33	11	10	4	-63	27.2	9	15	10	360.1	45.1	13.1	9.11	11.5	19.7	87.3	9.5 46.0	98.2
	Kishnaghur	80	6		:	275.1	25.1	81.4	:	61	-	1	83		1	91	61	92	2.603	1.18	12.1	9.22	-	9.13	12.1	31.9 49.4	90.2
Nudden	Ranaghat	ī	3	:	i	1	1	1	-	:	ï	:	.:		:	:	:	:		1	:	!	-		-	-	1
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0	Rampore Beauleah	;	13 8	6	!	1	68.5	1.1	:	1	*	г	**	10	:	.03	:	01	128.1	146-7	0.23	115.4	156.5	87.5	-	45.4	108.0
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7	Narayangunge	1	4	1	1	1	49.3	**	-	91	;	1		:	1	1	:	1	572.6	:	\$.68	82.8	:	:	24.3	37.3	
Chittagong	Chittagong	ì	1	:	!	:	0.6	10.5		:	:	1	-	:	:	:	-	61		:	8.03	:	-	-	-	6.24	130-7
Tipperah	Comillah		1	7	1	. :	8.1	49.3	-	91	91		-:	93	:	:	:	г	350.2	79.2		:	82.7	18.8	-	-	2.95 *
Patra	Petra City	1	52 2	02	:	:	25.7	\$25.4		20	-	:	63	11	9	1.	10	6	241.3	6.95	1	2.5	51.5	10.8	11.2	19.3	33.9
Gys	Gya	:	200	4	1	:	80.8	12.9		es .	00	:	-	* .	8	91	60	φ.	261.5	6.29	:	1.1	8.63	14.1	12.2	10.6	9.09
Shahabad	Arrah	1	60	63	:	ī	0.9	**	-		1	:	-:	:	:	-	:	03	4.04	11.7	:	1	-		-	11.1	36.1
Mozufferpers	Mozufferpore	1	20			:	9.8	2.62	-	*	:	1	-	-	1 5	:	:	63	8.212	1	9.11	13.1	17.1	6.0	14.9	-	49.7
Durbhangs	m	1	23	9	1	•	24.1	9.63	- 1	60	12	80			20	:	9	*	100.5	83.0	19.8	8.6		11.7	4.7	1.11	65.1
Sarun	Chupra	i	18	.:	!	:	8.73	13.0	:	61	:	01			63	-	11	;	73.0	:	16.9		-	10.0	8 8.61	8.3 132.6	-
Stagulpore]	Bhagulpore	i	13		4	:	17.0	21.1		10	-	93	-	-	03	61	1	*	8.413	9.6	17.7		15.4	9.2	1.5	16.2 12.3	7-73
Monghyr 1	Monghyr	,	20		1	1	8.2	12.4	-	1	60	1	-		91	:	:	-	1	25.1	4.2	9.1		-	1.1	-	14.2
Turnedh	Purneah	. 1	80		1	1	17.0	38.7	-	-	63	-	:	91	-	:	:	1	183.7*	863.1	6.58	1	9.561	-	18.3	-	•
Pari I	Puri		16		1	1	6.88		1	-	61	-		1	65	63	-	01	9.141	6.49	53.5	:	1	1	1	-	
	TOTAL	7	371 188	8 8		\$0.1	21.1	24.7 48	48.4	106	26	28	18	31 73	8 65	38	- 29	69	8.181	98.0	11.1	9.2	16.2 1	14.0 1	14.8	12.3 82.5	9,55

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 31st May 1886.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 29th of May 1886.

Number of boats.		Natur	re of cargo.			Weight of cargo.	Tollage.
						Mds.	. Rs.
189	Rice and paddy					 48,666	870
7	Jute	***	•••			 5,000	56
125	Firewood	***		•••		 56,811	761
544	Other articles	***		•••		 1,36,715	1,964
865				Total	,	 2,47,192	3,651

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 1,515 miles open.

	COACHIN	G TRAFFIC.		AND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MILE	S RUN.
	Number of passengers.	Receipts.	Weight carried,	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total
4	* *	Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
altraffic for the week	244,360*	2,44,721 11 3* 161 8 6	30,81,484 30	7,88,277 11 0 520 5 1	22,276 5 0 14 11 3	10,55,275 11 3 696 8 10		133,528‡	198,119
previous 19 weeks of half-	4,644,089	54,25,316 8 0	5,36,96,466 0	1,31,37,772 3 6	4,02,247 15 9	1,89,65,336 11 3	1,289,7411	2,222,855	3,512,597
Total for 20 weeks	4,888.449	56,70,038 3 3	5,67,77,950 30	1,39,26,049 14 6	4,24,524 4 9	2,00,20,612 6 6	1,354,3314	2,356,3844	3,710,716
COMPARISON.								*	
al for corresponding week	207,059	2,10,801 5 11	28,95,057 30	8,17,289 10 0	30,183 12 1	10,58,274 12 0	64,409	149,314	213,72
mile of railway corresponding		139 16 5		541 6 11	19 15 11	701 1 3			*****
al to corresponding date of	4,725,783	57,36,729 14 8	5,31,96,046 10	1,37,83,501 0 1	4,46,027 3 0	1,99,66,258 2 7	1,393,593	2,396,784	3,790,37

[.] The increase in coaching traffic is principally due to marriages.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Kailway, dated 23rd July 1883.

REC	CEIPTS FOR WE	EK 1885.	RE	CEIPTS FOR WE	186.		L RECEIPTS PRO 1885 TO 23RD 1885.			L RECEIPTS FRO 1886 TO 22ND 1886.		Total	Tota
un sage sed.	Receipts.		Mean mileage worked.	Receipts.		Mean mileuge worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886,	decrease in 1886.
	Rs.	Rs.		Rs.	Rs.		Ra.	Rs,		Rs.	Rs.	Rs,	Rs.
191	10,58,275	701	1,515	10,55,276	697	1,5093	79,81,495	5,288	1,515	76,09,407	5,023	******	3,72,088

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 573 miles open.

The second secon	COACHIN	G TRAPPIC.	MERCHANDISE TRAF		Other earnings	Total	TRAFFIC	TRAIN-MILE	s RUN.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan-dise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
the for the week	12,969 227 260,657	6,339 8 0 110 13 3 1,41,614 9 0	58,092 20 1,015 30 10,47,759 20	3,637 4 0 63 9 5 74,653 14 0	48 8 0 0 13 7 1,046 8 3	10,025 4 0 175 4 3 2,17,314 15 3	1,403 83,796	,401 15,643	2,804 49,439
Total for 20 weeks	273,626	1,47,954 1 0	11,05,852 0	78,291 2 0	1,095 0 3	2,27,340 3 3	35,199	17,044	52,243
COMPARISON.	(9)								
for corresponding week	8,613	3,751 13 10	51,494 10	3,876 1 0	51 0 9	7,678 15 7	1,582	812	2,394
Reek of previous year	151	65 9 6	900 10	67 12 3	0 14 3	134 4 0			
to corresponding date of	254,856	1,87,748 1 2	12,28,164 20	85,333 15 0	1,358 15 0	2,24,440 15 2	82.953	19,203	52,156

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

TS FOR WEEK E	NDING		S FOR WEEK D MAY 1886.			RECEIPTS PRO RIL 1885 TO 231 MAY 1885.			RECEIRTS FRO PRIL 1886 TO 22: MAY 1886.		Total	Tota!
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.		Mean nul-age worked.	Total receipts.	Per mile worked.	Menn mileage worked.	Total receipts.	Per mile worked.	increase in 1886,	decrease in 1886.
Rs.	R4.		Rs.	Rs.		Rs.	Rs.	1	Re.	Rs,	R4.	. Rs.
7,670	134	573	10,0 5	175	57 <u>\$</u>	77,607	1,357	573	93,566	1,696	15,959	

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 12 miles open.

	COACHIN	G TRAFF	c.		MERCHANDISE TRAF	FIC.	ER	AL	Other ear		Total ear	inan	TRAFFIC	TRAIN-MIL	RS
	Number of passengers.	Receip	ots.		Weight carried.	Recei	pts.		(estima	ted).	Total ear	nings.	Coaching.	Merchan- dise.	T.
	•	Rs,	A. P		Mds. s.	Rs.	Δ.	Ρ.	Rs.	A. P.	Rs.	A. P.			T
Total traffic for the week Or per mile of railway For previous 19 weeks of half-	3,343	566 47	7 3		27,005 30	908		10		8 0 7 4		13 6 6 6	2581	235	
year	51,720	8,817	0	0	6,45,150 10	11,446	15	0	703	10 3	20,967	9 8	4,4541	4,686	
Total for 20 weeks	55,063	9,383	7	6	6,72,156 0	12,355	13	0	769	2 3	22,508	6 9	4,713	4,901	
COMPARISON. Total for corresponding week of previous year	2,531	427	11	S	21,488 10	889	7	0	109	11 6	1,426	13 9	93	- 306	
year		85	10	3		74	1	11	Ð	2 4	118	14 6			
previous year	49,1473	8,434	1 ;	1	4,25,527 30	12,686	12	0	1,416	11 9	22,537	8 10	3,073	3,951	

Approximate Statement of gross receipts of the Dildarnagar-Ghazivur State Railway, prepared in accordance with Public Department Circular No. XXI, Railway, dated 23rd July 1883.

	TS FOR WEEK I	ending .		TS FOR WEEK I	ENDING		L RECEIPTS FRO PRIL 1885 TO 23 MAY 1885.			L RECEIPTS FRO PRIL 1886 TO 22: MAY 1886.		Total	To
Mesn mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.			Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decr
12	Rs. 1,427	Rs.	12	Rs. 1,541	Rs. 128	12	Rs. 10,325	Rs. 860	12	Rs. 10,190	Rs. 849	Rs.	

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 745 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total earnings.	TRAFFIC	TRAIN-MI
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	rotal earnings.	Coaching.	Merchan dise.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.	-	
Total traffic for the week Or per mile of railway	5,151	3,7!1 1 0 49 9 10	60,936 30	2,592 0 6 34 10 5	103 0 0 1 6 0	6,406 1 6 85 10 3	6991	68
For previous 19 weeks of half- year	108,886	87,476 12 0	14,92,718 20	67,805 14 0	2,068 6 6	1,57,351 0 6	21,8442	21,64
Total for 20 weeks	114,037	91,187 13 0	15,53,655 10	70,397 14 6	2,171 6 6	1,63,757 2 0	22,5444	22,32
COMPARISON.								
Total for corresponding week of previous year	4,487	3,637 13 8	78,702 20	2,753 3 0	109 0 3	6,500 0 11	1,071	1,34
Per mile of railway correspond- ing week of previous year		48 13 3		36 15 1	1 7 5	87 4 0	****	· /
Total to corresponding date of previous year	116,928	98,608 5 3	17,83,549 20	81,404 5 3	2,795 6 8	1,82,808 0 9	21,730	26,427

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Dep ment Circular No. XXI, Railway, dated 23rd July 1883.

RECEIP 23	TS FOR WEEK ED MAY 1885.	ENDING		TS FOR WEEK 2ND MAY 1886			AL RECEIPTS F RIL 1885 TO 23E 1885.		APRI	L RECEIPTS FR. L 1886 TO 22ND 1886.	MAY MAY	Total increase in
Meam mileage wirked.	Receipts.	Per mile worked,	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	1886.
74)	Ks. 6,500	Rs. 87	742	Rs.	Ra. 86	743	Rs. 54,714	Rs. 734	742	Rs. 57,096	Rs. 763	R 2,3

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 224 miles open.

and and the second	COACHIN	G TRAFFIC.	Merchandise a Traff	ND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MILE	S RUN.
	Number of passengers.	Conching receipts.	Weight carried.	Receipts.	(estimated),	earnings.	Coaching	Merchan- dise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Ks. A. P.	Rs. A. P.	1		
er mile of railway previous 19 weeks of hulf-	18,547	4,798 14 0 215 10 11	8,827 10	319 5 0 14 5 7	8 0 ±0 0 5 9	5,1% 3 0 230 6 3	918	50	.908
pear weeks of mair-	390,183	1,05,906 4 0	2,14,999 30	7,481 0 0	117 7 5	1,13.504 11 5	18,501	3,075	21,576
Total for 20 weeks	408,729	1,10,705 2 0	2,23,827 0	7,800 5 0	125 7 5	1,18,630 74 0	19,419	3,125	22,544
COMPARISON.						1	pi .		
tal for corresponding week of previous year	18,367	4,820 10 . 3	5,068 10	172 2 0	11 9 0	5,004 5 3	1,672	72	1,144
ing week of previous year		219 1 11		7 13 2	0 8 5	227 7 6		******	*****
previous year	453,106}	1,17,216 4 10	3,67,999 10	8,240 0 0	137 2 3	1,25,593 7 2	21,886	6,654	28,540

pproximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Kailway, dated 23rd July 1883.

RECEIP 2	TS FOR WEEK B SED MAY 1885.	NDING		TS FOR WEEK IND MAY 1886.	ENDING		L RECEIPTS PRO 1885 TO 23ED 1885.			L RECETPTS FRO		Total	Total decrease in
Mean pleage porked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.		Meen mileage worked.	Total receipts.	Per noile worked.	Mean mileage worked	Total receipts.	Per mile worken.	increase in 1886.	18:6.
	Bs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Es.	Rs.
21	5,004	227	221	5,126	230	22	45,782	2,081	224	. 46,482	2,089	700	

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 42 miles open.

	COACHING	TRAFFIC.	MERCHANDISE A		Other earnings	Total	THAPPIC	TRAIN-MILE	s run.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimted).	earnings.	Coaching.	Merchan- dise	Total.
		Rs. A. P.	Mds, s.	Rs. A. P.	Rs. A. P.	Rs. A. P.	76.77		
al traffic for the week	2,523	1,044 4 9 24 18 10	15,102 30	2,273 10 0 54 2 2		3,336 14 9 19 7 3	294	294	588
previous 6 weeks of half-	14,066	6,544 8 6	97,948 30	11,050 13 0	34 0 0	17,029 5 6	1,795	1,985	3,750
· Total for 7 weeks	16,589	7,588 13 3	1,13,651 20	13,324 7 0	53 0 0	20,966 4 3	2,089	2,279	4,368

Approximate Statement of gross receipts of the Cawnpore-Kolpi Railway, prepared in accordance with Public Works
Department Circular No. XXI Railway, duted 23rd July 1883.

ECEIPT	S FOR WEEK 1 MAY 183	ENDING		PTS FOR WEEK 2:ND MAX 1850			AL RECEIPTS FROIL 188 TO 188 .	MAY		L RECEIPTS FROIL 1886 10 22ND 1886.		Total in an	
fean leage rked.	Receipts.		Mean wileage worked,	Receipts.		Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	Total increase in 188	Total decrease in 188
	Rs.	Rs.		Rs,	Rs.		Rs.	Rs.		Rs.	Rs.	Rs,	Rs.
			42	3,837	79				42	20,966	499		

DACCA STATE RAILWAY.

. pproximate Return of Traffic for the week ended 15th May 1886 on 86 miles open.

	4	Discount of the Control of		The state of the s	-			White the same of		The same of the sa	STREET STREET,
	COACHING	7 TRAFFIC				AND MINERAL FFIC.	Other earnings		TRAFFIC	TRAIN-MILE	S RUN.
	Number of p ssengers.	Coachir receipt		Weight carried.		Receipts.	(estimated.)	Total earnings.	Coaching.	Merchan- dise.	Total.
		Rs.	A. P.	MDs.	8.	Rs. A. P.	Rs. A. P.	Rs. A. P.		- 1 (2 14)	
Total truffic for the week Or per mise of railway	8.573 100	$2,780 \\ 32$	0 0 0	3,088 36		452 0 0 5 0 0	52 0 0 1 0 0	3,284 0 0 38 0 0	950 11	1,827	2
For previous 19 weeks of half- year	172,407	49,358	0 0	1,82,129	0	27,795 0 0	4,930 0 0	*82,083 0 0	15,060	29,820	44,880
Total for 20 weeks	180,980	52,138	0 0	1,85,217	0	28,247 0 0	4,982 0 0	85,367 0 0	16,010	31,647	47,657
Comparison.						,					
Total for corresponding week of previous year	4,449	625	7 6	1,18,282	0	1,168 2 0	9 2 0	1,802 11 6	272	1,284	1,556
Per mile of railway correspond- ing week of pre-ious year	445	62	8 9	11,828	0	116 13 0	0 14 7	180 4 4	27	128	155
Total to corresponding date of previous year	99,723	14,213	7 6	23,00,788	0	24,483 4 10,	431 13 0	39,128 9 4	5,244	23,304	28,548
2000				1						1	1700

^{*} Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

The second state of		TS FOR WEEK F 6TH MAY 1885.			PTS FOR WEEK F			AL RECEIPTS FE PRIL 1885 TO 167 1885.		Tot 1st Ap	AL RECEIPTS FR RIL 1886 TO 15T 1886.	ом н Мач		
	Mean ni eage worked.	Receipts,		Mean mileage worked.	Receipts.	Per mile worked.		Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Total increase in 1886.	Total decrease in 18s6,
	1	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
	10	1,803	180	86	3,284	38	10	13,474	192	86	30,071*	50	16,597	

^{*} Corrected by actuals up to week ending 10th April 1886.

DACCA STATE RAILWAY.

Approximate Keturn of Traffic for week ended 22nd May 1886 on 86 miles oven.

	COACHING	TRAFFIC.	MERCHANDISE TRAF			Total earnings.	TRAFFIC	TRAIN-MILE	ES RUN.
	Number of passengers.	Coaching r :ceints.	Weight carried.	Receipts.	(estimated).	6	Coaching	Merchan- dise,	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 20 weeks of half-	9,014 105	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		381 0 0 5 0 0	76 0 0 1 0 0	3,228 0 0 38 0 0	950 11	1.722 20	2,67
year	180,980	52,295 0 0	1,85,217 0	28,018 0 0	4,869 0 0	85,182 0 .0*	16,010	31,647	47,657
Total for 21 weeks	189,994	55,066 0 0	1,87,022 0	28,399 0 0	4,945 0 0	88,410 0 0	16,960	83,869	50,329
COMPARISON.									
Total for corresponding week of previous year		625 15 2	1,78,284 0	1,159 1 0	12 14 0	1,797 14 2	272	1,255	1,527
ing week of previous year Total to corresponding date of	453	62 9 6	11,828 0	115 14 6	1 4 7	179 12 7	27	126	153
previous year	104,25	14,839 6 8	24,19,072 0	25.642 5 10	444 11 0	40,926 7 2	5,516	24,559	:30,07

^{*} Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

	S FOR WEEK 3RD MAY 1885.		RECEI	TTS FOR WEEK END MAY 1886.	ENDING	APEH	L RECEIPTS PRO 1885 TO 23E1 1885.	M 1ST		L RECEIPTS PROPERL 1886 TO 22: MAY 1886.		Total increase	Total decre
Mean milenge worked.	Receipts.	Per mile worked.	Mean mil-age worked.	Receipts.		Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.		in 1886.
10	Rs. 1,798	Rs. 180	86	Rs. 3,228	Rs.	10	Re. 15,272	Rs.	86	Rs. 83,114*	Rs. 48	Rs. 17,842	Rs.

^{*} Corrected by actuals up to week ending 17th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 37 miles open.

	COACHING	TRAPPI	c.		MERCHAND	ISF RA	AND MIN	ERA	L	Other earnings	Total e	· ·	ine	TRAFFIC	Тил	IN-MILE	S RUM.
	Number of passengers.	Coach			Weight carried.	+49	Receip	pts.		(estimated).	Totale		mgs.	Coaching,		rehan- lise.	Total.
		Rs.	A. :	P.	Mps.	s.	Rs.	А. Р	-	Rs. A. P.	Rs	, д	. Р.				
fosti traffic for the week by per mile of railway for previous 20 weeks of half-	1,690 46	720 19			3,511 95		253 7	0 0		1,027 0 0	2,0		0 0	259 7		259 7	518 14
legt	39,123	17,726	0	0	58,219	0	4,112	0 ()	28,960 0 0	50,79	98	0 04	4,995		5,015	10,010
Total for 21 weeks Comparison.	40,813	18,446	0	0	61,730	0	4,365	0 ()	29,987 0 0	52,79	98	0 0	5,254	-	5,274	10,528
mal for corresponding week of previous year be mile of railway correspond-	1,370	956	0	0	2,187	0	230	0 (0	1,331 0 0	2,51	7	0 0	259		259	519
ag week of previous year	37	26	0	0	59	0	6	0 (0	******		12	0 0	7	1	7	14
feal to corresponding date of previous year	35,183	24,189	0	0	47,098	0	6,224	0 (0	37,107 0 0	67,52	10 (0 0	5,291		5,291	10,582

Corrected by audited figures up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dhurlla State Railway.

	PIS FOR WERK E 3RD MAY 1885.			TS FOR WEEK 22ND MAY 1886			L RECEIPTS FRO PRIL 1885 TO 23 MAY 1885.			L RECEIPTS FRO PRIL 1886 TO 22 MAY 1886.	ND	Total increase	Total decrease
Mean ileage urked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 1886
87	Rs. 2,517	Rs. 68	37	Rs. 2,000	Rs.	37	Rs. 22,793	Rs. 77	37	Rs. 16,597*	Rs. 56	Rs	Rs. 6,196

[·] Corrected up to the latest possible date by actuals.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 22nd May 1886 on 246 miles open.

	COACHING	TRAFFIC	c.		AND MINERAL PRIC.		Total	TRAFFI	C TRAIN-MII	LES BUN.
	Number of passengers.	Coachir		Weight carried.	Receipts.	Other earnings (estimated).	earnings.	Coaching.	Merchan- dise.	Total.
		Re.	A, P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
al traffic for the week on 246 desopen er mile of railway previous 19 weeks of half-	37,709 153	12,408 50	9 6 7 0	1,46,974 20 597 0	15,799 7 0 64 4 0	2,913 5 5 2 1 0	31,121 5 11 116 12 0*	5,684	5,205	10,835
Ar	674,120	2,34,089	6 6	24,65,010 20	2,46,890 9 0	54,865 10 7	5,35,845 10 1	89,237	96,191	185,428
Comparison.	711,829	2,46,498	0 0	26,11,985 0	2,62,690 0 0	57,779 0 0	5,66,967 0 0	94,871	101,396	196,267
al tor corresponding week of brious year on 226 miles open mile of railway correspond-	26,103	8,508		1,21,345 20	14,034 2 6	3,152 14 9	25,695 8 2	3,891	4,818	8,709
to corresponding date of	116 600,206}		10 0	537 0 21,72,292 0	62 2 0 2,53,877 14 9	2 0 0 69,188 2 10	101 12 0° , 5,45,917 3 1	89,145	100,318	189,46;

[•] Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Proximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

PT8 231	FOR WEEK	PNDING	RECEIPT	TS FOR WEEK 22ND MAY 1			RECEIPTS PROPERL 1885 TO 23 MAY 1885.		TOTAL	RECEIPTS FR RIL 1886 TO 221 MAY 1886.		Total increase	Total d
	Receipts.	Per mile worked	Mean mileage worked.	Receipts.		Mean mileage worked.	Total receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked,	in 1886.	Total decrease in 1886.
	Ra.	Rs.		Ra.	Rs.	1000	Rs.	Rs.	596(4075)	Rs.	Rs.	Rs.	Rs.
	25,696	114	246	31,121	127	226	2,24,770	995	216	2,37,068	964	12,298	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 22nd May 1886 on 271 miles open.

	COACHING	TRAFFIC.	MERCHANDISH TRAF		Other earnings	Total	TRAFFIC	TRAIN-MILE	8 RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimatea).	earnings,	Coaching.	Merchan- dise,	Total.
		Rs. A. P.	Mds. Sr.	Rs. A. P.	Rs, A. P.	Rs. A. P.	4		
Total traffic for the week Or per mile of railway For previous 19 weeks of half- year	2,615 96 49,636	990 4 6 36 5 0 19,428 11 6	6,676 20 245 0 1,60,456 20	520 6 6 19 2 0 12,109 9 6	13 5 6 0 8 0 405 10 6	1,5:4 0 6 55 15 0 31,943 15 6	9,816	254 5,008	763 14,824
Total for 20 weeks COMPARISON.	52,251	20,419 0 0	1,67,133 0	12,630 0 0	419 0 0	33,468 0 0	10,325	5,262	15,587
Total for corresponding week of previous year er mile of railway correspond- ing week of previous year Total to corresponding date of previous year	2,078 76 53,571	840 4 10 30 14 0 21,769 1 0	2,230 10 82 0 70,437 20	196 8 0 7 3 0 6.764 8 0	25 10 0 0 15 0 715 14 0	1,062 6 10 39 0 0 29,249 7 0	509 £10,398	254 5,189	763 15,587

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prevared in accordance with Public Works Depart.

ment Circular No. XXI, Railway, dated 23rd July 1883.

	TS FOR WEEK SED MAY 1885.	ENDING	RECEIF	TS FOR WEEK I	ENDING	TOTAL	RECEIPTS FROM PRIL 1885 TO 23R MAY 1885.			RECEIPTS FRO PRIL 1886 TO 22 MAY 1886.		Total increase	Total decrease
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileaze worked	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 1886.
271	Rs, 1,062	Rs.	271	Rs.	Rs.	271	Rs. 10,636	Rs. 390	271	Rs. 12,912	Rs.	Rs. 2,276	Rs.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 188 6 on 249 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRAF	FIC.	Other earnings	Total	TRAFFIC	TRAIN-MILI	es ru
	Number of passengers.	Coaching receipts.	Weight carried,	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Tot
		Rs. A. P.	Mps. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			1
Total traffic for the week Or per mile of railway For previous 19 weeks of half-	17,343 70	12,010 0 0 48 0 0	2,21,513 0 890 0	32,430 0 0 130 0 0	3,800 0 0	48£340 0 0 178 0 0	5,436 22	13,130 53	18,
year	358,876	276,893 0 0	32,55,750 6	5,48,784 0 0	90,906 0 0	9,16,583 0 0*	94,825	160,633	255,
Total for 20 weeks COMPARISON.	376,219	288,903 0 0	34,77,262 0	5,81,214 0 0	94,706 0 0	9,64,823 0 0	1,00,261	173,763	274,
otal for corresponding week of previous year	15,427	11,169 15 5	92,330 0	21,134 1 6	2,880 0 5	35,184 0 10	5,436	8,571	
ing week of previous year cotal to corresponding date of previous year	62 337,355	44 13 9 2,63,094 7 11	371 0 21,06,144 0	84 14 0 4,04,860 1 0	71,251 0 7	129 11 9 7,39,205 9 6	22 105,612	34	290

^{*} Corrected by actuals up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

Total	Total		L RECEIPTS FRO PRIL 1886 TO 15: MAY 1886,			RECEIPTS FRO RIL 1885 TO 16 MAY 1885.			PTS FOR WEEK 15TH MAY 188		ENDING	RECEIPTS FOR WEEK ENDI	
decrease 1886.	increase in 1886.	Per mile worked.	Total receipts.	Mean mileage worked.	Per mile worked.	Total receipts.	Mean mileage worked.		Receipts.	Mean mileage worked.	Per mile worked.	Receipts.	Mean nileage worked.
I	Rs.	Rs.	Rs.		Rs.	Rs.	No.	Rs.	Rs.		Rs.	Rs.	
	41,460	166	2,89,551*	249	142	2,47,091	249	194	48,240	249	141	35,184	249

^{*} Corrected by actuals for three days of April 1886,

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 249 miles open.

	COACHIN	g Trappic.		AND MINBRAL OFFIC.	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts,	(estimated),	earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
fotal traffic for the week or per mile of railway For previous 20 weeks of half-year	19,488 78 876,219	12,910 0 0 52 0 0 2,89,428 0 0	1,73,326 0 696 0 34,77,262 0	33,200 0 0 133 0 0 5,80,475 0 0	3,320 0 0 94,602 0 0	49,430 0 0 185 0 0 9,64,505 0 0*	5,436 22 100,261	12,620 51 178,763	18,656 73 274,024
Total for 21 weeks	395,707	3,02,338 0 0	36,50,588 0	6,13,675 0 0	97,922 0 0	10,13,935 0 0	105,697	186,383	292,080
COMPARISON.							196		
total for corresponding week Forevious year wile of railway correspond-	16,538	12,446 7 6	99,657 0	22,672 8 0	2,984 15 9	38,103 15 3	5,436	8,473	13,909
leg week of previous year fotal to corresponding date of	66	49 15 9	400 0	91 0 10		141 0 7	22	34	56
previous year	353,893	2,75,840 15 5	22,05,801 0	4,27,532 9 0	74,236 0 4	7,77,309 8 9	111,048	193,311	304,356

^{*} Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

	TS FOR WEEK			TS FOR WEEK 2ND MAY 1886.			AL RECEIPTS FRO L 1885 TO 23RI 1885.		TOTA APRIL	L RECRIPTS FRO 1886 TO 22ND 1886.	M 1st May	Total	Total
Mean pileaga wrked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.		Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
349	38,104	153	249	49,430	199	249	2,85,195	143	249	3,37,664*	170	52,469	

^{*} Corrected by actuals up to week ending 10th April 1886.

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 22nd May 1886 on 234 miles open.

X San	COACHIN	G TRAFFIC				AND MINERAL	- 4	Other earnings (estimated.)	Th-	Total earnings.			TRAFFIC	TRAIN-MILE	s Run.
	Number of passengers.	Coachi		Weight carried.	-	Receipts.	i	ncluding steam boat,	Tot	tai eart	iina	cs.	Coaching.	Merchan- dise.	Total.
*		Rs.	A. P.	MDS.	8.	Rs. A. P.	1	Rs. A. P.	1	Rs.	Α.	P.			
tal traffic for the week	90,068 385	36,087 154	$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	3,27,404 1,399		42,945 0 0 184 0 0		6,982 0 0		86,014 338	0		10,876	7,351	18,227
Jear	1,800,774	7,41,230	0 0	76,19,354	0	8,80,283 0 0)	1,06,947 0 0	17,	28,460	0	0*	206,702	185,561	392,263
Total for 20 weeks	1,890,842	7,77,317	0 0	79,46,758	0	9,23,228 0 0	,	1,13,929 0 0	18,	,14,474	0	0	217,578	192,912	410,490
COMPARISON.		Page 1				390									
tal a presponding week of pit s year (audited) mile of railway correspond-	82,598	33,852		2,56,711	0	35,095 0 0	D	6,600 0 0		75,547	0	0	11,231	8,014	19,245
to corresponding date of	354	145	0 0	1,102	0	151 0 0	0	.,,		296	0	0		*****	
previous year	2,033,260	9,28,470	0 0	62,98,332	0	8,03,209 0 0	0	4,40,690 0	21	,73,369	.0	0	237,515	180,666	418,181

^{*} $\Delta {\rm udited}$ up to week ended 10th April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

ECEIP 2	TS FOR WERK E	NDING		TS FOR WEEK 2ND MAY 1886.		TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 23RD MAY 1885.				L RECEIPTS FR. PRIL 1883 TO 2: MAY 1886,		Total increase	Total
lean leage rked.	Receipts.	Per mile worked.	Mean mileage worked,	Receipts.	Per mile worked.		Total receipts.	Per mile worked,	Mean mile worked.	Total receipts.	Per mile worked,	in 1886-87.	Total decrease in 1886-87.
223	Rs. 75,547	Rs. 324	234	Rs. 86,014	Rs. 308	233	Rs. 6,52,406	Rs. 2,800	234	Rs. 6,13,392	Rs. 2,621	Rs.	Rs. 39,014

BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 126 miles open.

	COACHIN	G TRAFFIC		AND MINERAL	Other earnings		STATE OF STREET STATE OF STREET	IC TRAIN-MII	LES RUN.
ik .	Number of passengers.	Coaching receipts.	Weight carried.	Receipts	(estimated.)	Total earnings.	Coaching.	Merchan- dise.	Total.
at the state of		Rs. A. F.	Mos. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Or per mile of railway For previous 19 weeks of half-	23,473 186	8,053 0 0 64 0 0	33,031 0 262 0	2,146 0 0 17 0 0	10 0 0	10,209 0 0 81 0 0	3,586	1,624	5,210
year	458,041	1,62,407 0 0	6,99,056 0	41,707 0 0	519 0 0	2,04,633 0 0*	70,998	31,066	102,659
Total for 20 weeks	481,514	1,70,460 0 0	7,32,087 0	43,853 0 0	529 0 0	2,14,842 0 0	74,579	32,690	107.269
Comparison.		1		- 19			2.000		14
Total for corresponding week of previous year (audited) Per mile of railway correspond-	23,036	7,849 0 0	26,508 0	1,534 0 0	40 0 0	9,423 0 0	4,262	1,116	5,378
ing period of previous year Total to corresponding date of previous year	183 478,751	62 0 0 1,79,373 0 0	210 0 5,26,528 0	12 0 0 34,821 0 0	721 0 0	74 0 0 2,14,915 0 0	85,020	21,725	106,745
			1			1		4	140,149

^{*} Audited up to week ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

	PTS FOR WERK 3RD MAY 1885.		RECEIPTS FOR WERK ENDING 22ND MAY 1886.				L RECEIPTS PR RIL 1885 TO 23R 1885.		TOTAL 1ST API	AL RECEIPTS FI LIL 1886 TO 22N 1886.	D MAY	Total increase	Total deems
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked	Mean mileage worked.		Per mile worked.	in 1896-87,	in 1886-87.
	Rsy	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Re.
126	9,423	* 75	126	10,209	. 81	126	77,600	616	- 126	76,278	605		1,721

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Aurel Va.					Rs.	A.	P.	
Approximate earnings for week ending 22nd M	Iay 1886				10,734	0	0	
Corresponding week last year	111	***	***		8,825	0	0	
Increase	***		***		1,909	0	0	
Receipts from 1st January to 22nd May 1886	***			***	1,67,080	0	0	
Ditto from 1st January to 23rd May 1885	***	***	***	***	1,51,329	0	0	
Increase	***		***	***	15,751	0	0	
					Mil	es.		
Miles open week ending 22nd May 1886	***	***	***		50	4		
Corresponding week last year	***	***	***	***	50	4		
하는 사람들은 경기를 가지 않는 것이 없는 것이 없는 것이 없었다.					Rs.	Α.	P.	
Receipts per mile open week ending 22nd May	1886	***	***	•••	211	8	0	
Corresponding week last year		***	***	***	173	14	6	
Increase	***		***		37	9	6	
SECRETARY'S OFFICE, Darjeeling, the 29th	May 18	86.	W. 8	STEVENSON,	Secretary			



The Calcutta Gazette.

WEDNESDAY, JUNE 9, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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SYSTEM OF THEFTS CARRIED ON IN BENGAL AND ASSAM BY A GANG OF UP-COUNTRY BOATMEN.

No. 4147, dated Fort William, the 22nd April 1886. From-J. C. Veasey, Esq., Offg. Inspector-General of Police, L.P., To-The Chief Secretary to the Government of Bengal.

With reference to your No. 752J of 12th February last, and connected correspondence, I have the honour to submit a note on the system of thefts carried on in Bengal and Assam by a gang of boatmen from the North-Western Provinces, and on the steps taken to track out and disperse them.

- 2. In February 1885, in consequence of a complaint that several maunds of rice and about Rs. 400 in cash had been stolen from boats moored at a blace on the Ganges called Choroktola, fifteen miles from Rampore Beauleah, in up-country boat lying near was searched, when a quantity of property, thiefly jewellery, was found cleverly hidden away in a manner which at once acted suspicion; and information given by members of the crew led to the acovery of other articles secreted on boats which had already started to return p-stream
- 3. Further enquiry elicited facts which led to my putting the case in large of specially selected officers, and it then transpired that the men rested were members of a gang who had for years past been in the habit

of coming down from Mirzapore, their head-quarters, with cargoes of curry-stones, and that, under pretence of selling these, they committed thefts and robberies both by land and water. The gang, who were 60 or 70 strong, and owned at least ten boats, were well organized, having correspondents at Dacca, Mirzapore, and Serajgunge, who disposed of the property stolen, remitted the proceeds, and provided legal assistance and witnesses to respectability for any one unlucky enough to be arrested. The men too changed from boat to boat as occasion required, thus rendering identification extremely difficult. They of course gave false names and addresses, whilst their field of operation was an extensive one, ranging from Bhagulpore to Dacca, and from Dhubri to Serajgunge. Several of them too were old offenders and ex-convicts who, as residents of another province, had escaped surveillance and been lost to sight.

4. I do not propose to go into the details of the different cases which have been established, and it will be sufficient to say here that an investigation lasting over many weeks, and carried on in several districts, resulted in the errest of 48 men charged in fifteen cases, in which property was taken to the value of Rs. 6,000, over half of which has been recovered. Of the men sent up, most of them in more than one case, 38 were convicted

and sentenced to various terms of imprisonment.

5. Of these fifteen cases, twelve ended in a conviction, but it is to be regretted that the principal one, in which sixteen men were committed to the Sessions as members of a gang of thieves, broke down, the Judge dissenting

from the assessors, who were for a conviction.

6. As evidencing the boldness of the gang, it may be mentioned that, whilst the cases were pending, one of their chief supporters—a man in whose name parcels were registered and money-orders taken out—arrived in Rajshanye from Mirzapore bent on undertaking the defence of his clients, and evidently believing he could not be touched. He was arrested and sentenced to two years' rigorous imprisonment under section 414, Penal Code, for assisting in the disposal of stolen property, and the conviction should have an excellent effect.

7. The publicity attending these proceedings, and the general success which has characterised them, will, it is hoped, have the effect of putting the riverside population and boatmen generally on their guard, and of impressing on the Mirzapore police the necessity for keeping a closer supervision on the movements of the bad characters who have made that district their head-quarters; for it is estimated that in one way and another not less than a hundred and fifty persons, residents of a belt of villages near the town of Mirzapore, were interested in the movements of the gang which has now been, I hope, effectually exposed and broken up.

ne 4th June 1886.—The following papers are published for general information.

P. Nolan, Offg. Secy. to the Govt. of Bengal.

ESTABLISHMENT OF A VETERINARY SCHOOL IN BENGAL

No. 391T .- R., dated Darjeeling, the 25th May 1886.

From—P. Nolan, Esq., Offg. Secy. to the Govt. of Bengal, Revenue Department, To—The Director of the Agricultural Department, Bengal.

I am directed to acknowledge the receipt of your letter No. 415, dated 3rd April 1886, submitting a scheme for the establishment and working of a veterinary school in these provinces, at a cost of Rs. 25,000 a year, the sum entered in the current budget. You propose to open the school at Bhagulpore, with an establishment as to the cost of which you give complete details; to add instruction in agriculture and surveying to the veterinary course; to grant stipends of five rupees a month each to 30 students; and to guarantee

employment to those who may complete the college course.

2. The Lieutenant-Governor proposes to visit Bhagulpore during the ensuing rainy season, when a final decision can be arrived at as to the suitability of that station as the site of a veterinary school. You state that the barracks and cantonment grounds there, which are no longer required for troops, can be obtained free of cost from the Military and Public Works Departments, and this is immediate advantage of great importance, with reference to the narrow limits of the resources immediately available for building purposes. Bhagulpore is as favourably situated for the purpose as any station in the mofussil, being intermediate between Bengal and Behar, and connected by rail with both. It is, however, understood that it may yet be possible to open the school in the neighbourhood of Calcutta, and any alternative proposals which may be made for adopting that course will be considered with care.

3. The proposals which you make as to the establishment and other expenses of the school have the general approval of the Lieutenant-Governor, and a representation will be made to the Government of India with a view to procuring the necessary sanction to the appointment of the Superintendent.

4. The course of study which you suggest is approved, with the exception of the provision made for teaching agriculture and surveying. From an educational point of view, these subjects are not connected with the veterinary art, the study of which will by itself fully occupy the time of the students. Questions connected with the cure of cattle and the improvement of breeds are natural adjuncts to such an institution as that which it is proposed to found. The Lieutenant-Governor entirely approves of the proposal to give an appointment in connection with the school to a Circnester scholar, who has undergont a course of veterinary instruction. These gentlemen have been given special inducements to qualify themselves for such posts as it is now proposed to create, and it is a source of disappointment that Government has not been able to do more for them in the way of finding suitable employment.

5. A certain number of scholar-hips may be given to encourage diligence, but it is hoped that it will not be necessary to attract pupils by offering to give them stipends. On the contrary, it is expected that the scholars will pay moderate fees as a return for the tuition received. The great demand for employment in Bengal fully justifies the charging of fees for any education which leads to renunerative occupation, and there is a better chance of securing a high class of students where instruction is not eleemosynary. This rule would, however, admit of exceptions, and some few stipendiary students might be admitted, as at Seebpore, from among those who had b' en best at primary and

middle schools.

6. The proposal to guarantee employment to a definite number of passed students is accepted by the Lieutenant-Governor. It is expected that the larger zemindars and municipalities will render valuable assistance in this respect, but Government, in opening a new profession, must be prepared to undertake a certain, though limited, responsibility for the future of its pioneers.

No. 415, dated Calcutta, the 3rd April 1886.

From-M. Finucane, Esq., Director of the Agricultural Department in Benga To-The Secretary to the Government of Bengal, Revenue Department.

I have the honour to acknowledge the receipt of your lear No. 778—136 Agri., dated 2nd March 1886, directing me to submit proposition the establishment and future working of a veterinary school in the Low Provinces, for which you state that a provision of Rs 25,000 has been made in the budget estimate of 1886-87.

2. In reply, I beg to submit in this letter the proposals called for by Government. In order, however, that it may be understood why they have assumed a shape which, it will be observed, is somewhat different from what was originally contemplated, it may, in order to obviate the necessity for reference to previous correspondence, be desirable that I should briefly

recapitulate the history of the question.

3. Reports of severe outbreaks of cattle-disease from various parts of these Provinces have for many years back reached the Government of Bengal, and the question of preventing or mitigating these visitations has from time to time received attention. The question was brought into special prominence in 1868-69, when a Commission was appointed by the Supreme Government to enquire generally into Indian cattle plagues and to report on the measures which might be adopted to check their ravages. The Commissioners, in their report submitted in 1871, suggested various precautions to prevent the spread of disease on the appearance of epidemics, but laid particular stress on the need of a skilled agency for the special object of imparting instruction in veterinary science, and training a class of natives for service among the people, whether as Government officers or private practitioners.

4. Arising out of discussions connected with a virulent outbreak of cattle disease in Chota Nagpore in 1873, a proposal was made by the local officers for the establishment of a veterinary class in connection with the Medical College in Calcutta for the purpose of training Sub-Assistant Surgeons and Native Doctors in veterinary practice. The Medical College authoritie, having been consulted on the subject, expressed themselves strongly impressed with the necessity for the establishment of a veterinary college, but were opposed to the proposal to mix up medical with veterinary training. Enquiry was made at that time of the Government of India whether there was any prospect of the establishment of a separate veterinary college in Calcutta, and it was ascertained that there was no immediate prospect of any such college being established. Sir George Campbell accordingly allowed the matter to drop.

5. In 1882 Her Majesty's Secretary of State, in his despatch No. 21RW, dated 20th April 1882, called the attention of the Government of India to the subject of the great prevalence of cattle-disease in India and the great loss which it caused, and pointed out that "there is none which deserves the earlier or more careful consideration of the Agricultural Departments then being organised in accordance with the recommendation of the Famine Commission." Lord Hartington desired to be informed, after such reference to Local Governments as might be deemed requisite, what steps had been taken, and what steps it was proposed to take, to give effect to the recommendation of the Commission of 1869.

6. In 1883 His Honor the Lieutenant-Governor, before the receipt from the Government of India of the Secretary of State's despatch, in a resolution dated 22nd January, recorded his opinion that the time had arrived when

K. MacLeod, A.M., M.D., F.R.C.S., Surgeon-Major.
J. H. B. Hallen, M.S.C.S. & F.R.C.E., Inspecting Veterinary Surgeon.

T. Greenbill, M.R.C.V.S.

Members.

Members.

The question of opening a veterinary school in Calcutta should be taken up and definitely settled. He referred it for on-quiry to a Committee of gentlemen named and the margin, to whom the despatch of Her Majesty's Secretary of State was

in the margin, to whom the despatch of Her Mujesty's Secretary of State was subsequently referred for consideration.

The report of the Committee was submitted to the Government of India with Mr. Macaulay's letter No. 750, dated 7th April 1883, but the Lieutenant-Governor withheld the expression of his views upon it at that time because, as remarked in Mr. Macaulay's letter, it was his intention to submit proposals for the organisation of a veterinary establishment in connection with the scheme of a Central Board in a somewhat different form to that recommended by the Committee. The scheme for the formation of a Central Board was not, however, adopted and the establishment of a veterinary establishment in connection with it accordingly fell through. But Sir Rivers Thompson desired, at the same time, that the subject should be again taken up in connection with the formation of an Agricultural Department for these Provinces, and the papers were accordingly transferred to me.

7. The Committee appointed in 1883 suggested three plans of different

degrees of expensiveness, namely-

(a) Where the grounds are bought and all buildings erected.

(b) Where grounds are bought and some additional buildings only are raised.
 (c) Where house and grounds are rented and some additional buildings raised.

In case (a) the initial outlay on buildings and land would be Rs. 44,000; in case (b) it would be Rs. 41,000; while in case (c) the rental would be Rs. 150 to Rs. 200 a month, and the additional buildings and fittings and furnishings would cost Rs. 16,009. In all three cases alike the cost of establishment, keep of cattle, and stipends of 60 students is estimated at Rs. 29,224 per annum.

The estimated cost of the school, as proposed by the Committee, would therefore be-

(1807) (1807)	ter late the		April 1914 Tichlair i	Initial outlay for land and buildings.	Establishment.	Total.	
	1-1-1-18-1-2 25-1-18-1-2		100 to 4 miles	Rs.	Rs.	Rs.	
In case	(a)	••	****	44,000	29,224	73,224	
Do.	(b)	***		41,000	29,224	70,224	
Do.	(c)		Rent	16 000 2,400	29,224	47,624	

The Committee's proposals were made, it is to be observed, on the assumption that the school was to be established in Calcutta or its neighbourhood.

The least expensive of them would involve an immediate initial outlay of Rs. 18,400 and an annual expenditure of Rs. 29,224. But it was found to be impossible to set aside more than Rs. 25,000 from Provincial funds for the purpose of establishing a veterinary college during the financial year which has just expired, and Sir Rivers Thompson did not deem it right in the present state of the finances to ask the Government of India for a grant-in-aid Nothing could therefore, be done last year, nor can any of the three schemes recommended by the Committee be adopted within the coming year, with the sum of Rs. 25,000 which is alone available, if the school is to be opened in Calcutta or its neighbourhood, where the rent of suitable house accommoda-

tion and of ground is so high as to be prohibitive.

8. It has, however, been ascertained that the barracks and cantonment grounds at Bhagulpore, which are no longer required for troops, can be obtained free of cost from the Military and Public Works Departments for the purpose of opening a school there. These barracks, for the dismantlement of which orders were about to issue, seem to be admirably suited for the purposes of a veterinary school. The soldiers' lines can be utilised to provide quarters for the students. There is suitable house accommodation for the Superintendent, and there will be no difficulty in providing sheds for the cattle. Thus the initial outlay for land and buildings contemplated by the Committee can be saved. Moreover, Bhagulpore has other advantages over Calcutta as the home of a veterinary school. It is more healthy and it is more central, being situated between Behar and Chota Nagpore on the one side and Bengal on the other, and a school at Bhagulpore is therefore more likely to attract students from all parts of the Province, and they will be exposed to fewer temptations there than in Calcutta or its neighbourhood. For these reasons I would propose that the school be opened at Bhagulpore and not in Calcutta.

Teaching staff Monthly. Annuals Rs. Rs.	Establishment.		
1 Assistant Superintendent	Teaching staff		1000 NO. 100 N
Total	1 Aggistant Superintendent	225	
## Working Establishment. 1 Hospital overseer	sinlows	00	
1 Hospital overseer	Total	1,285	15,420
1 Hospital overseer	Working Establishm	ent.	
Bearer at Rs. 8, and 1 Terash at Rs. 7 15 16 16 16 16 16 16 16	1 Hospital overseer	40 80 5 25 28 25 7	Davis A
## Total 241 2,892 Stipends.	1 Bearer at Rs. 8, and 1 ferash at	15	
60 Students at Rs. 5 each 800 3,600 Total 21,912 Deduct eight months' wages for punkah-wallahs 128 Total 21,784 Add for keeping 100 cattle at Rs. 6 a month 7,200 Add for contingencies at Rs. 20 a month 240		241	2,892
Total 21,912	Stipends.		
Deduct eight months' wages for punkah-wallahs 128 Total 21,784 Add for keeping 100 cattle at Rs. 6 a month 7,200 Add for contingencies at Rs. 20 a month 240	60 Students at Rs. 5 each	300	3,600
Total	Total	*****	21,912
Add for keeping 100 cattle at Rs. 6 a month	Deduct eight months' wages for punkah-wallahs	*****	128
Add for contingencies at Rs. 20 a month 240	Total		21,784
month 240	a month		The strains
Total 29,224		*****	240
없는 이 마양이 없는 성격 전에 마양을 되었다고 있다. 이 경기를 하지 않아 있다면 하면 없었다. 이 경기를 하는데 없는 다음이 없다.	Total		29,224

9. Assuming that this proposal is accepted, the annual cost of the requisite establishment, feed of cattle, stipends of students, and contingent expenses on the scale (c) proposed by the Committee would, as shown in the margin be Rs. 29,224. To this must be added the sum processary to provide fit. added the sum necessary to provide fit-tings and furnishings, estimated by the Committee at Rs 4,000, thus making in all Rs. 33,224. The amount provided in the sanctioned budget is, however, only Rs. 25,000, thus leaving a deficit of Rs. 8,224. In order to get over this difficulty, I have, in consultation with Dr. MacLeod, the President of the Committee revised the scale of establishment mittee, revised the scale of establishment and of working expenses so as to bring the total cost down to Rs. 25,000. Thus curtailed, Dr. MacLeod and myself would recommend some such scale as the following, the details of which might be modified in consultation with the Superintendent when he is appointed, it being understood that the total cost of the institution to Government shall in no case exceed the sum of Rs. 25,000 per annum:w min to the will

A Alberta

Establishment,

		scuousninem.			
	Teaching Sta	ff.	3	Ionthly.	Annual
	the second second and a second of the se	Supplied to the		Rs.	Rs,
1	Superintendent and Professor	on Rs. 300	per	The late of the	
-	month over his staff pay			900	
1	Assistant Superintendent	4.4	11 7 AV	250	22 July 10
î	Lecturer on Anatomy and Pl			50	
î	" on Materia Medica		***	50	- 2019
	y and the second of the second	Total	•••	1,250	15,000
	a grant finds to the first of t	111 TO A 121 O	and the		
	Works	ng Establish	ment.	San	waste tel
1	Hospital Overseer	1 • • • · · · · · · · · · · · · · · · ·	***	30	STATE THE STATE OF
6	Coolies at Rs. 5 each	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	•••	30	eriker Strang
1	Compounder	-11-44		.5	
ī	Writer	e bij ja megar	THE SERVICE	25	
4	Sweepers at Rs. 5 each		and sind	20	98890998
3	Malis at Rs. 6	s. a. word - 70 95	ve Silver	18	
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	1775 2478 . 1 4419 holy \$4300 B	Total	_ (2007) j. d.	145	1,740
A	ld for 4 punkha-pullers at Rs.	for four m	onths	registings e	64
	engor efficient a resource	eren Litaliansi	encasare LESSES ELE	int division	1,804
	And a manufacture of all districts	Stipends.		en is angement. Mga kanpabahan	- C - Sept 20
9.0	Students at Rs. 5 each		osifikini	150	1,800
	Keeping of 50 cattle at Rs. 6 a	month	255000	300	8,600
	Contingencies	*** *	223,240.3	20	240
	e of the property of the same dates	Total			22,444
A	dd for fittings and furnishings		100	SE IN THE	2,556
500	GRANI	D TOTAL	7000	ar ratal 190	25,000

10. As to the course of instruction, the subjects to be taught, the number and qualification of students, I would follow generally the recommendations of the Committee with certain modifications, some of which are rendered necessary by the curtailment in the proposed expenditure, and others, it is hoped, will add to the efficiency and usefulness of the school. Among these modifications, one is that I would combine elementary instruction in agriculture, theoretical and practical, and in surveying, with veterinary education. This instruction I would have imparted through the agency of the Assistant Superintendent of the School, who should be a Circnester graduate. I would also utilise the services of the Superintendent and Assistant Superintendent in making tours in the interior, especially during the recess, wherever severe epidemic may break out, and also in ascertaining what can be done towards introducing new and better breeds of cattle in Government estates, or what existing breeds

might be crossed with advantage.

11. Private landowners have often been blamed for having hitherto failed to make any attempt to improve the breed of cattle in Bengal, or to stay, the deterioration of existing breeds. But it would seem that it is hardly open to Government or its officers to reproach others for laches of this kind, when Government has itself done so little in the vast areas under its own immediate control and management. There prevails, I have been assured in the course of my tours, a strong and general feeling among zemindars, European planters, and other classes, that it is necessary to do something towards the improvement of the breed of cattle in Bengal and Behar. Nobody who has observed the rapid appropriation of village pastures for cultivation, in Behar especially, in recent years, the destruction of old mango groves without plantation of young trees; the miserable condition of the emaciated cattle seen languidly nibbling stunted tufts of grass in the parched lands of that part of the country, during certain months of the year, will be disposed to deny that it is very desirable to do something, if we only knew what to do. The question is, however, one of extreme difficulty. In districts like Durbhunga, Mozufferpore, Sarun and Patna, with a population almost entirely agricultural, of nearly 900 to the square mile, hard pressed for the means of subsistence, and with great consequent competition for land, it is almost impossible to check the appropriation of village pastures for cultivation, or the destruction of groves for the provision of timber and fuel. The result is that there is not at present sufficient supply of food for cattle, and the supply of fodder is yearly becoming less and less. The question of adding to the supply of food, which is closely connected with the question of preventing mortality, and is a necessary antecedent to the question of improving the quality of existing stocks, is, however, one of so much difficulty that it cannot be dealt with here, and can scarcely be regarded at best without a feeling of despair. This much may however be said that if anything is to be done in the direction of improving the cattle of these pr. vinces, the first thing necessary is to acquire information as to wnat breeds can be usefully introduced or crossed with existing breeds. This information is not at present available in Bengal, nor, as far as I know, is there any person in these provinces who is competent to give such advice on the question as might be safely acted upon. An expert, such as the Superintendent of the proposed veterinary school should be, would soon be able to give valuable and trustworthy advice to Government on these questions, and there would not, I conceive, be very great difficulty in acting on such advice, in khas mehals at least, if Government could only feel assured of its soundness. One very obvious way of improving the breed of cattle without any large outlay would be by the distribution of good and suitable bulls on Government estates. When Government as landlord has set an example of improved management of this kind on its own estates, private landlords may be induced to follow its example, and in time it may be that local unions may be persuaded to co-operate in putting a stop to the present practice of allowing weak and diseased sires to roam at large about the country, spreading disease wherever they go, and propagating the puny animals now seen in Bengal. Before, however, anything is done in the way of discouraging the existing practices, it is first necessary that we should be in a position to recommend something better by wayof substitute, and be prepared to supply suitable bulls, which might be kept in public pounds as public

property at the expense of local bodies.

12. With this end in view, it is therefore essential, firstly, to know exactly what breeds to recommend; secondly, to set a practical example by distributing animals of these breeds on our own estates; and thirdly, to be prepared to help private landowners or local bodies with information as to where they can purchase better animals should they desire to do so. If any such action in this direction, as is referred to by the Government of India in their circular No. 122C, dated 5th October 1885, is to be taken, a convenient depôt where bulls might be temporarily kept for distribution could, without difficulty be procured near Bhagulpore, and the aid and advice of an expert like the Superintendent of the Veterinary School, with some knowledge of the cattle breeds of India, would be indispensable.

13. Subjects of Instruction. - The second modification which I would

-(a) Anatomy and dissection.

(b) Materia Medica and compounding.
(c) Hospital attendance.
(d) Hospital attendance.
(e) Pathology.
(d) Hospital attendance.
(e) Pathology.
(d) Hospital attendance (shoeing and drenching, &c.)

(e) Pathology.
(d) Hospital attendance (shoeing and drenching, &c.)

(e) Pathology.
(f) Pathology.
(g) Hospital attendance (shoeing and drenching, &c.)

(g) Pathology.
(h) Formounding and drenching, &c.)

(h) Compounding are to form the course of instruction.

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(h) Compounding in the subjects which are to form the course of instruction. To the subjects mentioned in the agriculture and surveying. The Com-

mittee, it will be observed, recommend that the school should be conducted under the management of a Superintendent, who is to be a qualified veterinary surgeon of some standing with a knowledge of the country and language. An army veterinary surgeon was, in their opinion, preferable for many reasons to a man specially brought out from England. Superintendent should further, in my opinion, have some practical knowledge of the various breeds of cattle in India, and be able to advise and assist Government in the manner described in the preceding paragraph, in any attempts which it may find possible to make for the improvement of the breeds of cattle in Bengal. An officer who is apparently possessed of these attainments can be had in Lieutenant Steel of the Madras Veterinary Department, who has applied for the appointment, and has been strongly recommended by Mr. Hallen.

14. The Committee also recommended that the Superintendent should be aided by an A-sistant Superintendent of the class of Assistant Surgeon or Assistant Apothecary. It appears to me that one of the Circnester graduates, who have returned from England, would, for many reasons, be preferable to a medical officer as Assistant Saperintendent. The Circucester graduates have already undergone a course of veterinary instruction at Circneester, and it is very desirable that they should acquire practical experience in the actual treatment of the cattle-diseases of India so that, they may be able later on to superintend veterinary institutions themselves, if necessary: and also that they may be able to turn their theoretical knowledge to use in Government or other estates in the districts to which they may from time to time be attached. Moreover, by appointing one of the Circucester graduates to the post of Assistant Superintendent of the veterinary school, we should be in a position, without any extra expenditure, to combine lessons in agriculture and surveying with veterinary instruction, and thus to fit the students when they leave the college, for employment not alone in the capacity of cow doctors, but also as overseers in Government and Wards' estates, for the efficient management of which some such agency is required.

15. The grounds attached to the Bhagulpore barracks are very well suited for the purpose of combining veterinary with agricultural instruction. They consist of a plateau about one hundred and fifty acres in extent, which at present is entirely under grass. A small portion of this area might be converted into an experimental farm, another portion might be utilised for the growth of fodder crops, and the remainder might be kept for pasture. One of the Circucester graduates being appointed as Assistant Superintendent might, in addition to the duties described in paragraph 11B of the Committee's report, instruct the students in agriculture, and also superintend the working of

the experimental farm.

All this will, it is to be remembered, involve no additional outlay, as the land belongs to Government, and the Assistant Superintendent will have to

be employed whether he teach agriculture or not.

16. An incidental advantage of this arrangement would be that the students might be trained up to become useful overseers and tehsildars of rent, as well as being cow doctors in Government and Wards' estates, and might at first be guaranteed employment as such, in case they failed to obtain work as private practitioners, or to get employment under zemindars. When the extent of Government and Wards' estates, covering as it does in these provinces an area three times that of all Wales, is borne in mind, it will be seen that there need be no difficulty in providing employment in this way for a large number of passed students on the moderate salaries, ranging from Rs. 15 to Rs. 40 which the Committee proposed in paragraph 20 of their report.

17. Qualification of students.—As to the examination and qualifications of students, the Committee (paragraph 14 of their report) expressed the opinion that ability to read and write Bengali should be an indispensable condition of entrance to the school. I would substitute Hindustani for Bengali partly with a view to throwing the institution open to natives of Chota Nagpore and Behar, where the need of veterinary aid is even greater than in Bengal, and partly because it would be impossible, I fear, to secure as Superintendent a Veterinary Surgeon with ability to lecture in Bengali. Moreover, it is much easier for Bengalis to acquire (if indeed they are not ordinarily possessed of) a knowledge of Hindustani sufficient to enable them to understand lectures delivered in that language than it would be for Beharis to learn and understand Bengali.

18. Number of students.—The Committee proposed to provide stipends of Rs. 5 a month for 60 students. In view, however, of the difficulty in providing the necessary funds for 60 stipends, it will be sufficient, at first at all events, to provide 30 stipends of that amount. Other students will probably come at their own expense, and some may, I hope, be sent at the

expense of zemindars or local bodies.

The reports of Commissioners of Divisions show that private individuals and local bodies have already promised to provide employment for some 15 passed students on their leaving the college; and even were this not so, there ought, as already remarked, to be no difficulty in providing them employment for many years to come in Wards' and Government estates.

19. To summarise, my proposals in modification of those made by the

Committee are-

(1) That the school be opened at Bhagulpore.

- (2) That the scale of establishment, stipends, and expenditure generally be that given in paragraph 9, subject to modification in details, and to a maximum limit of expenditure of Rs. 25,000 per annum.
- (3) That instruction on agriculture and surveying be added to the course of instruction suggested by the Committee, and that attention be also given to the question of breeding and improvement of cattle.

4) That the number of stipends be reduced from 60, as recommended

by the Committee, to 30.

(5) That the holders of these stipends be at first guaranteed employment on completion of their college course, primarily under such private landholder and local bodies as may be willing to employ them, and failing that under Government on estates under its management.

To all these proposals Dr. MacLeod assents.

20. In conclusion, I may be permitted to say that whether we look to the admitted necessity for taking measures for the prevention and cure of cattle-disease, to the equally urgent need for doing something towards the improvement of existing breeds, or to the necessity for training up some kind of intelligent agency for the collection of rents and carrying on the details of management in Government and Wards' estates, the

conclusion suggested is the same, namely, that it is essential that an institution like that now proposed should be opened in these Provinces. Looking to the duty of Government as landlord on the estates under its own management alone, apart from its duty as sovereign, and bearing in mind that these estates extend over an area of more than twelve million acres, it seems to be a reproach to the administration that there is absolutely no sort of trained agency in these Provinces capable of giving intelligent advice or taking intelligent action for the prevention or cure of cattle-disease, for the improvement of the existing wretched breed of cattle, or for executing efficiently any other works of improvement which an intelligent and prudent landlord charged with the management of so vast an estate would certainly undertake in his own interest.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 5th June 1886.

N	0.	District, and date of return.	7021330013	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
cN	GAI	Western Districts		e a lista es un lealle a sure	Street on the agention and a restriction of the paper of
1	1	Burdwan, June Culna	'86	0.32	Weather-much warmer again. Prospects of crops good. Price of countries 16 to 204 seers per rupee.
1		Cutwa		1.21	100 20 to 204 store ps. rapec.
1		Ranigunge		2.55	Weather hat and close Service of any and arms of the service of
1	2	Bankoora, ,,	, "	Carl State	Weather—hot and close. Sowing of aus and amus still continues. Standir crops doing well. Public health good.
1	3	Beerbhoom, "		0.25	Weather-very hot. More rain wanted to facilitate sowing. Public heal
1	4	Rampur Haut Midnapore,	5 ,,	1.31	exceptionally good. Weather—getting hotter every day. Cultivation of land and sowings of rice
1		gMa	5	0.33	active progress everywhere. Public health good.
1	5	Hooghly, ,,	, ,,	0.65	Weather—seasonable. Cultivation progressing favourably as regards all crop Public health good.
1		Jehanabad Howrab,	,	0·17 Nil	Weather-sultry and oppressive. Sowing of aus and amun rice going e
1		Howran, ,,	"		Sugarcane planted. Jute being sown; seedlings healthy; area sown average
		Central Districts	, dia	49.5	of all Applications are reserved to the first of the
				1. 1.	
1	6	24-Perghs. June	8 '86	- and carrie	Weather-very hot. Sowing of jute and early paddy has commenced. Pub
1	7	Nuddes, ,	5 "	not recd	health generally good. Weather—very sultry and unsettled. Aus rice good. Amun rice cultivati
1		Kooshtea	••	5.37	still in progress. Health good.
1	1000	Meherpur Chuadanga	**		
1		Ranaghat Khoolua, ,,	5	2.08	Washan sultan with slight sain day size along the
1	8	4	,,,	0.39	Weather—sultry with slight rain. Aus rice above ground. Ploughing con nues. Prospects good. Public health good.
1	9		5 "	1:20	Weather- very hot. Sowings of aus and amun crops still going on. You
1		Jhenidah Magura		1 2 2 2 2	paddy plants thriving. Prospects appear to be good. Health good.
I		Narail			
1	10	Moorsbedsbad,	5 .,	1.00	Weather-sultry. Sowing of rice crop still in rapid progress. All prospe
•		Lalbagh		1.35	good. Public health fair. Price of rice stationary.
		Kandi Jungipore	**	0.52	and the same and t
1	11	Dinagepore June	3 '8		Weather—favourable. Less rain this week. Cultivation of aus, jute,
1	12	Rajshahye.	5 "	2:36	sugarcane going on well. Rice selling from 18 to 24 seers per rupee. Weather—cloudy and close. Prospects of standing crops (paddy, jute, til, a
1		Nattore		0.75	indigo) generally good. More rain wanted for sowings on high lands. Hea
1	13	Rungpore	5 "		fair. Weather hot and rainy. Prospects of early paddy and jute continue favoural
2.5	1	Kurigram		7.48	Land is being prepared for amus crop. Cheena harvested. Kaus is ripe places. Cholera reported from thanas Ulipore and Sundergunge, and cati
1		Gaibanda Nilphamari			disease from Nogeswari. Public health otherwise good.
	14	PARTY AND PROPERTY OF THE PROP	5		Weather-very close at times. Clouds daily. Aus and jute seedlings doi well. Prospects favourable. Cholera abating.
1		Sherpur Nowkhilla	**		
1	15		5 "	0.65	Weather very muggy. Prospects of crops excellent. Health better generally.
1	16	Serajgunge Darjeeling, ,,	5 ,,	3.19	Weather-fine and hot. Crops all good. A few more fatal cases of cholera ha
1		La transfer de la caración			occurred. Occasional storms of rain varied with hot muggy weather. Prospects of
1	17	or Mary merchanistics of the		2.62	crops favourable. Jute well reported of from all places except Titaly
		Eastern District		1 100	Sugarcane progressing well. Public health good.
	18	Dacca, June !	'8	- CONTRACTOR (CO.)	Weather-hot. Amun paddy being sown in low lands. Recent rain has do much good to crops. Prospects good. Public health good.
1	1,010,44	Manickgunge Munshigunge			much good to crops. Prospects good. Adult hearth good.
100		Naraingunge		3.43	Weather-hot and cloudy. Crops all doing well. Public health good.
1	19	Furreedpore, Madaripore	5	1.03	Weather-not and cloudy. Crops an doing work a doing south
1		Goalundo		1.02	Weather-sensonable. Rains apparently set in. Cultivation of amus crop h
1	20	Backergunge, "	3 "	4.25	1. 1
1	21	Mymensingh,	4	1.85	Weather-cloudy with frequent showers. Prospects of crops good. Publ
8		Jamalpur Kishoregunge		0.00	health fair.
		Attea	***	2.33	
,	22	Netrokona Chittagong, June	8 '86	SECULIAR SECU	Prospects of crops somewhat damaged. Pania aus being reaped. Cattl
1					disease continues. Public health good. Prices rising,
1	23	Noakholiy, Fenny	h ,,	3.43	Sowing of aus hearly fillished. Sowing of amun Polit
					on. Prospects of rice, betelnut, and cocoanut crops good. A good dear of feve
1	24	Tipperah, ,,	3 "	2:32	washer god Aug and amun plants thriving. Hill the promises well. Suga
		Brahmunberiah		1.72	cane plants healthy. Cholera abated.
1	25	Chandpur Chittagong Hill	1 ,,	1.60	Weather-rainy and sunny throughout week. Sowing in jooms continue
1		Tracts.			Ans paddy doing well. Fever prevalent. Weather—cloudy and occasionally rainy. Prospects of satya paddy goo
		Hill Tipperah, ,,	"	2.73	Joom crops still being sown, and sugarcane being transplanted. Public heal
				APPROXIMATE STREET, ST	good.

2	No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
	100		inches.	
-BE	HAR.			
	26	Patna, June 5	86 Nil	Weather—very hot with changeable winds. Cheena is being cut. Sugarcane looks promising. Public health generally good. A few cases of cholera reported from Barh sub-division.
	27	Gya, "5	0.61	Weather—hot and oppressive, but west winds have now returned. Actar and banga coming on well. Cheena being harvested. Cattle disease reported from one willage fever from several, and small-pox from one or two. Public
		Shahabad 5	6.03	health generally good. Prices continue moderate. Weather—very hot and occasionally cloudy. Prospects of sugarcane and indige
N.A	28	Shahabad, ,, 5 Buxar	0.10	favourable. Public health fair.
DI		Sasseram	0.20	
7	1	Bhabhua	1.45	Weather - hot with occasional gathering of clouds. Prospects of early paddy
PATER DIVE.	29	Durbhunga, ,, 5		moong and cheens promising. Lands being ploughed for chasse sowings
(9)	80	Hajipore	1.72 Nil 1.60	Weather—close and hot. A storm with rain occurred at the beginning of the week. Bhadoi sowings have commenced. Public health fair.
.00	31	Sitamarhi Sarun, ,, 5	Nil	Weather—seasonable. Crops on ground look well. Bhadoi sowings commenced. Public health good.
2005	82	Chumparus, "5	,, 2.25	Weather—hot. Rain has done much good to indigo and other crops on ground. Lands being prepared for bhadoi sowings. Prices stationary. Some cases of small-pox and fever reported.
	ing a salah Tanan dini	Monghyr June 5	86 0.29	Weather-hot and sultry. Lands are being prepared for bhadoi crops. Sowings
	33	Monghyr. June 5 Beguserai	0.09	The sealer and dry and inger con Public health good, but sportagic cases of
2		Jamui	0.93	small-pox continue to be reported from Begooserai. Prices stationary. Rainfall capricious. Five inches more at Supoul than at Mudhepura. Weather
BHAGULPUR DIVE.	34	Busguipore, , 5	1.60	sultry and west wind has returned. Cultivation very forward; onder sowing
DA	35	Purneah " 5	0.18	Weather-hot; rains unusually defective. Crops doing went more rain
D	00	Kissengunge	1.52	wanted.
IAG		Arrareah	2.33	Weather-very hot. Bhadoi paddy coming on well. More rain wanted for
B	36	Maidah ,, 5 Chanchal Shibgunge	2·26 0·33 1·95	ploughing and sowing winter rice. Common rice seiling at 21 seers per rupes. Public health good.
		Gazole	1.20	Weather-very hot, with westerly winds. Sowing of bhadoi crops commenced
	37	Sonthal Pergha 5 Deoghur	0.46 2.88 0.05	Lands being prepared everywhere. General health good.
		Godda Jamtara	0.94	
		Pakour	1.01	Application of the control of the property of the control of the c
OR	ISSA		Part Contract	Die bei erwen Catten being placked Herre
	88	Cuttack June 4	86 4.73	Weather—hot and cloudy. Rice being sown. Cotton being plucked. Heavy rain of last week beneficial to ploughing and sowing of rice crops. Price of rice almost unchanged. Public health generally good, except a few cases of
i.			Value of the state of	cholera reported from the interior. Weather—occasionally cloudy. Ploughing and manuring of lands for ensuing wathered. Cotton being subpressed.
ORISSA DIVE.	39	Khoords	0:73 2:75	sarad crops going on. Sarad sowing has commenced rice sells at an average
1				of 19 seers 12 chittacks per rupee in the Sudder sub-division and 17 seer 11 chittacks in the Khoorda sub-division. Cases of cholera reported from the
C		group of the state of the	e mic	Monsey
	₹40	Bulasore. 4	. 0.56	Weather—very hot. Ploughing going on actively. With the exception of a few sporadic cases of cholera and fever, public health generally good.
	ANTE TO	NAGPORE.	in the	
	iouth-	West Frontier Agency,	Some Sign	Di Vi and sowing proceeding all over th
	41	Hazaribaga. June 4	86 0.60	Weather—unsettled and stormy. Ploughing and sowing proceeding all over the district. Sugarcane doing well. General health good. Weather—seasonable, warm. More or less rain daily in the interior of the weather—seasonable, warm.
	4:		., 0.54	gressing. Prices stationary rublic health good.
	48	Singulation, ,, 4		Weather—cloudy and cool; storms during the district. Ploughing and sowing actively proceeding. Dhan sprouting. Health
	41	Marbaoom, "5	" 1:58 " 0:21	Weather—unsettled. Heavy rain during early part of week. Ploughing or rice lands in progress, also for maize. A few cases of cholera reported.

Published for general information.

CALCUTTA, REVENUE DEPT.;

The 8th June 18:6.

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

P. Nolan, Offg. Secretary to the Gort, of Bengal,

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

					STOCK	IN HAND AS	COMPILED ON-				* 3		
NAMES OF MARTE.	1st week of June 1885.	1st week of July 1885.	1st week. of August 1885,	1st week of Sept. 1885.	1st week of Oct. 1885,	1st week of Nov. 1885.	1st week of Dec. 1885.	1st week of Jan. 1886.	1st week of Feb. 1886.	1st week of Mar. 1886.	1st week. of April 1886.	1st week of May 1886.	1st week of June 1886,
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	MAs.	Mds.	Mds.
Ballaghatta	7,19,500	6,10,000	4,36,060	3.99,000	3,89,000	2,58,500	3,85,590	8,02,000	5,95,000	10,54,000	10,74,600	9.87,600	12,59,000
Ooltadangs	79,700	77,000	58,600	24,500	52,200	38,600	54,800	48,690	58,000	64,600	68,500	65,690	64.800
Clitpore, Golabaree, Coomer- troits, Hatkhola, and Culpy Ghat.	8,19,790	8,10,600	6,67,700	6,55,400	6,67,900	5,25,200		4.95,300	4,58,000	5,06,900	6,32,306	5,31,900	5,21,800
Pathuriachatia, Posta, and Jorabagan.	2,000	3,000	4,000	3,200	2,500	3,000	4,000	5,000	4,509	4,000	7,000	6,006	5,400
Hygunge, Chitish, Kidderpore, and Moonshigunge.	85,500	1,07,600	1,07,600	1,05,260	93,490	1,60,500	65,800	1,32,050	1,19,000	1,38,800	1,44,900	1,35,300	1,46,400
51 Minor Bazars (estimated)	2,40,606	2,40,000	2,40,000	2,40,000	2,40,600	2,40,000	2,40,000	2,40,000	2,40,000	2,40.009	2, 49, 000	2,40,000	2,44,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,600	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boldyabatty, Nowabgunge, Bhuddressur, and Chander- nagore.	12,952	19,799	12,248	4,303	9,170	10,961	8,577	8,165	8,454	7.518	11,491	12,048	14,709
Tota	22,09,552	20,08,999	17,76,148	17,11,603	16,04,170	14,26,761	15,74,177	14,81,055	17,83,964	22,65,818	161,82,82	82,27,848	25,02,109
on Rallway premises on both sides of the river. By Port Com- missioners' relatures. By Canal Jeturns.	(on 3rd June 85.) 24,931 (lat to 5rd June 85.) 80,889 (1st to 5rd June 86.)	980 (on 3rd July 85.) 32.902 (1st to 3rd July 85.) (1st to 3rd July 85.)	1,478 (on 5rd August 85.) 40,861 (1st to 3rd August 85.) 25,489 (1st to 3rd August 85.)	(on 41,816 Sept. 1885.) Ilk 891 (1st to 3rd Sept. 1885.) 40,861 (1st to 3rd Sept. 1885.)	7.682 (on 4th Oct. 85.) 21.243 (1st to 3rd Uct. 85.) 38,509 (1st to 3rd Oct. 86.)	7,238 (on 5th Nov 85.) 23,753 (1st to 3rd Nov 85.) (1st to 3rd Nov 86.)	(on 4th Dec. 1885.) (185 - 1885.) (18t to 3rd Dec. 1885.) (1st to 3rd Dec. 1885.)	(on 4th Jan. 1886.) 52.597 (18t to 3rd Jan. 1886.) (1st to 3rd Jan. 1886.)	(on 4th Feb. 1886.) (1st to 3rd Feb. 1886.) (1st to 3rd Feb. 1886.)	7,401 (on 3rd Mar. 86.) 59,687 (1st to 3rd Mar. 86.) 1,00,323 (1st to 3rd Mar. 86.)	16.824 (on 3rd) April 86.) 20,289 (1st to 3rd) April 86.) 38,779 (1st to 3rd) April 86.)	11,739 (on 4th May 8s.) 23,151 (1st to 3rd May 86.) 16,835 (1st to 3rd May 86.)	600 5780 (on 3rd June 86.) 18.055 (181 to 3rd June 1886.) (181 to 3rd June 86.)
Grand Total of Stocks	22,65,353	20,64,058	18,43,976	17,80,265	16,11,537	14,77,753	16,24,215	, 16,60,247	19,71,049	\$4,33,228	23,99,774	22,73,593	25, 45, 511
Probable stock available for exportation by sea.	12 lakhs.	10 lakhs.	8 lakhs.	73 lakhs.	6 lakhs.	4 lakhs.	5g lakhs.	6 lakhs.	93 lakhs.	13‡ lakhs.	13§ lakhs.	12t bakhs.	14 lakhs

Statistical Department, The 5th June 1886,

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

-							2.8	8					-	4	23			4		QU	An	TI	TIE	ES PER	RUP	EE IN
-				v	VHR	AT.			В	BABLEY.		1	tici	i, Br	BT F	SORT.		,	Rici	я сс	MM	ION.	本	Jowan (Sorgi	R OR CI	lgare.)
	DISTRICTS,			Present return.	out monding	Next preceding return.		of last year.	Present return.	Next preceding return.	Corresponding return of last year.		Present return.	diam cafarin	Next preceding retarn.	Corresponding return	of last year.	Description of Day	Present revuin-	Next preceding return.	Garage Sanda	Corresponding return		Present return.	Next preceding return.	Corresponding return of last year.
STATE OF THE PARTY	BENGAL.							13																		
W	estern Districts.	." 	s.	Ch.	8	Ch.	s.	Ch.	S. Ch.	. S. Ch.	S. Ch.	18.	Ċh.	S.	Cb.	s.	Ch.	8.	Ch.	s. (Ch.	۹.	Ch.	s. Ch	S. Ch.	(S. C)
1	Burdwan		16	0	17	8	17		37 8			15			0	13	5	18				16				
	Bankoora		18	8	18	8	16	0	24 0	24 0	18 0	19	8	19	8	14	8	22	8	22	8	17	0			
A. Carlo	Beerbhoom		15	0	19	8	17	4				16	0	15	8	12	0	19	8	19	8	13	12			
	Midnapore		18	0	18	0	12	0				16	0	16	0	14	0	22	0	22	0	18	0			
	Hooghly		16	0	16	0	16	0				10	0	10	0	9	0	14	0	14	0	12	8			
-	Howrah		16	0	16	0	16	12	١			8	0	8	0	11	4	15	0	15	0	13	0		1	١.,
De	entral Districts.		16	0	16	0	16	0	21 6	21 8	19 0	8	4	8	8	7	8	16	0	15	0	١.		19 0	19 0	11 14
1	24-Pergannahs		13	4	13	4	16	0	20 0	20 0	20 0	8	0	8	0	8	0	13	4	3	5	16	0			
	Nuddea		17	4.	17	4	17	4	26 0	26 0	22 15	6 .					. *									
В	Khoolna								-			14	0	16	0	13	0	17	0	18	0	15	0			
9	Jessore .		13	4	13	3 4	14	8				13	0	13	4	12	12	16	12	17	4	14	8			-
0	Moorshedsbad .		20	0	20	0 (17	12	-			13	4	13	8	10	8	17	0	16	8	13	4			-
1	Dinagepore		15		1.	3 0	1:700			17 0		17	0	16	12	12	12	20	4	22	0	14	0			
2	Rajshahye	-{	t	0		to l 0		to 12	32 (0 35 10	26 4	16	4	16	0	12	0	18	8	18	0	13	8			-
3	Rungpere .	•••	20	0	17	7 12	20	0		-	-	16	0	14	4	10	0	20	0	17	12	13	4			-
4	Bogra .		18	0	17	7 4	16	3 8		-	-	13	8	13	0	9	0	22	8	21	0	13	8	-	-	-
5	Pubna .		22	8	21	1 12	19	8	3	-	-	7	14	8	0	8	4	18	3 6	18	0	12	2 12	-	-	-
8	Darjeeling .		11	0	9	9 0	11	L 0	9 0	10 0	10 0	5	0	5	0	5	0	13	3 0	13	0	11	0			-
7			13	4	13	3 4	13	0	20 0	20 0	16 0	16	3 0	13	0	12	0	22	0	22	0	14	1 0)	-	-
2	Eastern District		4				1		T.	1	1															
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21	Mymensingh	***	13	4	13	3 4	13	3 4	4			13	0	14	8	13	0	21	LO	21	0	10	3 0			

A In sub-divisions retail prices of salt per rupee were:—Culna 14 seers, Cutwa 13½ seers, and Raneegunge 13 seers.

B. In Bishenpore retail price of salt 13 seers per rupee.

C. In Rampore Hât retail price of salt 13½ seers per rupee.

In Contai and Tumbok retail prices of salt 11 seers, per rupee.

E. In sub-divisions retail prices of salt per rupee were:—Serampore 13 seers, and Jehanabad 13½ seers.

E. In sub-divisions retail prices of salt per rupee were:—Baraset 12½ seers, Bussirnat 13 seers, Diamond Harbour (at Kulpihat) 12½ seers, and Barrackpore and Dum-Dum 12 seers.

F. In sub-divisions retail prices of salt per rupee were:—Kooshtea 12½ seers, Ranaght 12½ seers, Meherpore and Chooadanga 12 seers.

F. In sub-divisions retail prices of salt per rupee were:—Hooshtea 12½ seers, Magoora 10½ seers, and Bongoug 13 seers.

H. In sub-divisions retail prices of salt per rupee were:—Jeniha and Narail 12 seers, Magoora 10½ seers, and Bongoug 13 seers.

In sub-divisions retail prices of salt per rupee were:—Latbagh and Kandi 12 seers and Jungipore 11½ seers.

on C	UMBU typho	MAI (Eleu	RUA OB	Røgt.
Next preceding return.	Corresponding return of last year.	Fresent return.	Next preceding return.	Corresponding return of last year,
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Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return

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		·		17 8	17 8	17
	Α.			22 14	24 14	99
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				20 0	21 0	19
				26 0	26 0	2
				18 12	19 0	
				22 8	22 8	24
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				18 12	21	
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				15 5	15 5	
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				16 0	21 0	
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A				16 0	16 0	15
				18 0	18 0	
	Cool Berry	10000	The state of	d Saletie	ST. CONTY	40

WHOLESALE PRIOES PER MAUND OF 40 SEERS.

Districts of Bengal during the Fortnight ending the 31st May 1886.

2702148	AN-COR MAIZE ca May	ETHER SWITE	CAT	R OR DJAN P	EA.	F	TREWO	ов.		SALT.			SALT.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return. *	Next preceding retura.	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	DISTRICTS.
9															BENGAL. Western Districts.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	8. Ch	S. Ch	S. C	a. S. Ch	S. Ch.	S. Ch.	S. Ch.	Rs. A.	P. Rs. A. P	Rs. A. P	
			20 12	20 8		120	120	0 120 0	1	13 8	13 5	2 15	9 2 15 (2 15 0	Burdwan.
32 0	31 0	28 0	21 8	22 0		280 (360	6 240	12 B	12 8	13 0	3 2	0 3 2 6	3 0 0	Bankoora.
			6	22 8		160 (160	0 160	12 °C	12 0	12 0	8 4	0 3 2 6	3 2 4	Beerbhoom.
			14 0	14 0		155 (155	0 155	D 12 8	12 8	12 12	8 0	0 3 0 0	3 1 0	Midnapore.
			13 0	14 0		120 (120	0 120	E 13 0	13 9	13 9	2 14	0 2 14 (2 14 0	Hooghly.
			15 0	15 0		90 (90 0	90 0	13 0	13 0	13 0	3 0	0 3 0 0	3 0 0	Howrah.
		113 4		18 6		64 (0 64	0 90 (0;13 4	13 4	13 4	2 12	0 2 12	0 2 12 0	Central Districts
20 6	20 0 17 8	20 0	18 0	20 0		1 4		0 100	E1 12 13	12 13	12 13	3 0	0 3 0	3 0 0	
			20 0	20 0	-4.		٠		F 11 10	11 10	11 10	3 0	0 3 0	0 3 0 0	Nuddea.
						160 0	180	0 200	0 12 0	12 0	12 0	3 4	0 3 4	0 3 2 0	Khoolna,
			21 0	26 8		120 0	120	0 120	Н	12 0	11 12		3 2	0 3 2 0	Jessore.
			19 0	19 6		120 0	120	0 120	I		11 0			3 5 0	Moorshedabad.
		-				100 0	160	0 120	0 12 0	12 8	12 8	3 4	0 3 2	0	Dinagepore.
-						240 0			J 0 12 12	12 12	12 0	3 0	0 8 0	3 2 8	
-		"	-	22 8					K	11 8	13 0		2 13	0 3 0 0	Rurgpore.
-			13 4	14 0				0 110				3 4		0 3 4 0	
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16 (20 0	19 0	8 0	8 0	-	128	0 120	0 120	STATE AND STATE AND ADDRESS OF THE PARTY OF	The second second second			0 4 0		Darjeeling.
	-			1	١	120	0 120	υ 128	o 12 0	12 0	12 4	3 4	0 3 4	0 3 4 6	Julpigoree.
	1		1	,	1			1	11	l	l	۱	م م ام	0 3 0 0	Eastern Districts.
-		-		77	-				0						Prof. Supp. Clarket larg
-	-	-	16 0	16 0	-			0 120	P			The second	0 3 2	0	Furreedpore.
II "		-	13 0	13 0	-	120	0 120	0 120	0 12 (12 8	13 0	3 4	0 3 2		Backergunge,
			20 0	20 0					12	12 4	12 8	3 3	0 3 3	0 3 2 0	Mymensingh.

In Nattore and Nowgong retail price of salt 12 seers per rupee.

In sub-divisions retail prices of salt per rupee were:—Kungrum 12 seers. Nilphamari 13 seers.

In Serajgunge retail price of salt 12 seers per rupee.

Retail price of salt in Alipore sub-division (at Fallacotta) 10 seers per rupee.

Retail price of salt in Alipore sub-division (at Fallacotta) 10 seers, Moonshigunge 10\frac{1}{2} seers, and Naraungunge 12\frac{1}{2} seers.

In sub-divisions retail prices of salt per rupee were:—Goalundo 12 seers and Madarinore 12\frac{1}{2} seers.

In sub-divisions retail prices of salt per rupee were:—Perozopore 11 seers, Bhola 10\frac{1}{2} seers.

In sub-divisions retail prices of salt per rupee were:—Kishoregunge 10 seers 10\frac{2}{3} chittacks, Attea 12 seers, Jamalpore 10\frac{2}{3} seers.

Sherpore 10 seers, and Netrokoua 12\frac{1}{16} seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

							1					QUA	NTIT	ES PEI	RUPI	ER II
			WHEAT.		В	ARLEY.	R	CR,	BEST S	ORT.	Rice	, сомм	on.	JOWAR (Sorgh	or Cho	LUM.
Number	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	100 1 100 1 10	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return,	Corresponding return of last year.	Present return.	Next preceding reture.	Corresponding return of last year.
Das	stern Districts.—Co	noluded														
1		S. Cb.	S. Ch.	S. Ch.	S. Ch	S. Ch. S. C	h. 8.	Ch.	S. Ch	. S. Ch	. S. Cb	S. Ch	s. c	h. S. Ch.	S. Ch.	4. Cl
22	Chittagong	16 0	16 0	16 0			11	0	11 0	13 0	14 0	14 0	15 (
3	Noakholly						14	0	12 0	15 0	16 0	14 0	17 (
4	Tipperah	12 4	13 5	14 3			16	0	16 0	14 14	16 12	18 0	15 8	3		
6	Chittagong Hill						11	0	10 10	19 4	12 0	11 6	13 6	5		·n
8	Hill Tipperah	12 0	12 0	19 0			11	0	12 0	13 0	16 0	16 0	18 ()	-	
	BEHAR.		1			. 44	1		1		1	1	1	1	1	
26	Patna	21 0	20 0	21 0	28 0	28 0 26	0 11	8	11 8	10 8	17 0	17 0	15 (18 0	26 0	
7	Gya	19 0	18 8	17 8	30 0	30 0 23	8 8	0	8 8	10 0	15 8	16 0	12 8	22 0	21 0	,
28	Shahabad	19 0	19 8	20 0	28 0	27 0 24	0 8	0	8 0	10 o	18 0	16 0	13 0			
9	Durbhanga	19 0	8 8	17 0	28 0	28 8 22	0 10	0	10 🐠	11 0	16 8	16 0	13 0			-
30	Mozulierpore	20 (20 0	19 0	30 0	30 0 24	0 12	0	12 0	11 0	16 0	16 0	13 (
31	Sarun	18 (18 8	20 8	28 0	27 8 26	0 7	8	7 4	8 8	19 0	18 8	16 (
32	Chumparun	21 (20 0	16.8	32 0	32 0 23	0 10	0	10 0	10 0	16 0	16 0	12 (,
33	Mongnyr	22 0	23 2	21 0	27 12	36 12 25	3 15	1	13 9	10 8	15 12	16 4	13 8	24 2	24 2	-
34	Bhagulpore	21 8	18 5	19 9	30 5	30 5 25	4 15	2	15 2	11 6	17 10	17 10	13 14	ı		,,,
35	Purnesh	20 0	21 0	20 0	-		. 18	0	19 0	14 0	21 0	21 0	15 (,		
36	Maldah	21 0	22 0	21 0	-		. 40	0	10 0	11 0	21 0	21 0	15			
37	Southal Pergs.	16 0	17 0	16 0			16	3 0	16 0	11 0	23 0	23 0	14	8		Ä
88	Cuttack	19 11	19 11	16 12	-	.	10	8	10 8	13 2	17 1	* 17 1	17	1	1	-
89	Pooree	15 12	15 12	15 12			14	7	15 12	14 7	19 11	21 0	21	0		
40	Balasore	18 0	18 0	18 0	13 0	13 0 10	0 13	3 0	13 0	13 0	24 0	24 0	23 (0		-
5	CHOTA NAG		oncy. *			****									100	
41	Hazareebagh‡	17 0	17 0	14 4	24 0	20 0 16	0 1	0	10 0	9 (18 0	18 8	13	8	-	
42	Lohardugga	19 0	20 0	15 0	22 0	22 0 20	0 1	3 0	16 0	14 (21 0	21 0	16	0	-	-
43	Sizybhoom	nr 0	24 0	20 0	32 0	32 0 20	0 2	1 0	24 0	20 (28 0	28 0	24	n	-	
44	Manbhoom	17 0	18 0	14 8	32 0	32 0	11	3 0	16 0	13 0	29 0	27 0	18	0		

CALCUTTA, The 9th June 1886.

[•] In the interior retail prices of common rice ranged from 18 seers 6 chittacks to 21 seers per rupee.

R. In Cox's Bazar retail price of salt 11½ seers per rupee.

S. In sub-divisions retail prices of salt per rupes were:—Brahmunberiah 12½ seers, and Chandpore 12 seers.

T. In sub-divisions retail prices of salt per rupes were:—Jehanabad 12 seers, Aurungabad 11½ seers and Nowada 10 seers.

U. In sub-divisions retail prices of salt per rupes were:—Brahmunberiah 11 seers, and Tajore 11½ seers.

V. In sub-divisions retail prices of salt per rupee were:—Brahmunberiah 11 seers, and Hajore 11½ seers.

W. In sub-divisions retail prices of salt per rupee were:—Sitamarhee 11 seers and Hajoreor 12½ seers.

In sab-divisions retail prices of salt per rupee were:—Sewan 11½ seers, and Gopalguage 12 seers.

In Bettiah retail price of salt 11½ seers per rupee.

AJR	or C	омво. typho-	MAI	RUA OR	RAGI.
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Fressnt return.	Next preceding return	Corresponding return of last year,	Present return.	Next preceding return	Corresponding return of last year.
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ITAL	NI OR I	LLET.		GR.				
Present return,	Next preceding return-	Corresponding return of last year.		Present return.		Next preceding return,	1. Continue or district	of last year.
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			14	12	16	0	16	0
			12	0	12	0	14	0
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16 0	16 0		24	0	23	8	21	8
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			20	0	20	0	20	0
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•••		•••	20	0	18	8	15	110

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X In sub-divisions retail prices of sait per rupee were: -Sewan 11½ seers, and Gopalguage 12 seers. Y In Bettiah retail price of sait 11½ seers per rupee.

CALCUTTA,
The 9th June 1886.

Districts of Bengal during the Fortnight ending the 31st May 1886-(Concluded.)

Inn	AN-COR	V 0	A	PW	R OR	THUE	1				1					P	ER	M	AI	JN.	P O	F	40		
133998	MAIZE.			CAL	DJAN P	EA.		FIRRW	юр.			SAL	т.					8	AL	r.				-	
Present return.	Next preceding return	Corresponding return of last year.		Present return.	Next preceding return.	corresponding return of last year.	Present return.		responding	of last year!	Tresent return.	Next preceding return	8	Corresponding return	of last year.		L'resent return.			Next preceding return.		Corresponding return			DISTRICTS.
			40.			ing .																			istricts.—Couclud
ch. Ch.	S. Ch	S. Ch		Ch	S. Ch.	S. Ch	. S. (h. S. (h. S. (h.	S. Ch.	S.	Ch	8.	Ch.	Rs	Α.	P.	Ra	Α.	P.	Rs.		P.	- The Court VIV
			10	0	9 0	9 0	100	0 100	0 120	0		11	0	13	0	3	4	0	3	8	0	8	.0	0	Chittagong.
					-		-	-			11 0	11	0		•	3	8	0	3	8	0				Noakholiy.
		-	1	0	8 14				١		12 0	12	0	12	8	3	8	6	3	3	0	3	2	0	Tipperah.
			16	 . u	16 0		320	0 120	0 320			8 11	0	8	0	3		0	4. 3		1			- 1	Chittagonz Hill Tructs.
														,											BEHAR.
28 0	18 0	27 0	27	0	27 0		120	0 120	0 120	0	11 8	11	8	12	0	3	1	6	3	1	6	3	0	e	Patna,
ţ.i.,			28	0	23 0		300	0 200	0 200	0	T 11 0	11	0	11	0	3	5	0	3	5	0	3	5	0	Gya,
			18	0	18 0		160	0 160	0 140	0	U 12 8	12	8	13	0	3	2	0	3	2	0	3	1	0	Shahabad.
25 0	25 0	20 15	20	0	20 0		160	160	0 176	0	11 8	11	8	12	0	3	4	0	3	ı	0	3	0	6	Durbhungs.
7 8	27 8	22 0	22	8	22 8		140	0 140	0 140	0	12 0	12	0	12	0	3	5	0	3	5	0	3	4	0	Mozufferpore.
6 0	26 0	26 0	27	4	27 0		160	0 160	6 160	6	12 0	12	0	11	0	3	1	6	3	1	8	3	4	0	Sarun.
8 0	28 0		27	0								12	4	12	0	3	2	0	3	4	0	3	4	0	Chumparan.
1 0	27 0	23 1	21	0	21 0		126	0 126	0 126	0		13	2	13	9	2	14	6	2	14	6	2	14	6	Monghyr.
5 4	25 4	22 11	20	3	18 15		176	12 151	8 151	8	Z1 12 10	12	10	12	10	3	1	0	2	15	6	3	0	0	Bhagulpore.
			16	0	18 0	18 0	128	130	0 160	0	Z2 10 0			10	0	3	9	0	3	9	0	3 1	10	0	Purneah
		-			-		160	. 180	0 16)	o	_	11	8	11	0	3	6	0	3	4	0	3	4	0	Maldah.
8 0	30 0	19 0	28	0	23 0		200	0 200	0 200	0	11 8	11	4	10	0	3	7	0	3	7	0	3	15	0	Southal Perghs.
			1			l	80	0 80	1 80	0	14 0	14	0	14	0	2	12	0	2	12	0	2	11	0	ORISSA.
			18	6	17 1		8ų	0 80	0 95	U	14 7	14	7	16	0	6	10	o	2	10	0	2	6	0	Pooree.
	N.		.4	0	12 0		130	0 160	120	v	Z4 9 8	9	8	10	0	3	14	0	3	14	U	3	11	U	Balasore.
	1	1					1							•							Sou	th-	We.	OT	A NAGPORE.
0 0	24 0	16 8	20	0	18		24 '	0 240	0 320	0	10 S	10	0	10	0	3	7	3	3		3			1	Hazareobagh.
ι8 υ	20 0	14 0	18	3 0	20 υ		120	0 120	0 120	U	Z6 9 8	10	0	10	0	4	2	0	3	14	0	3	10	0	Lobardugga.
100			21	. 0	21 0		360	(380	0 200	0	1000	9	0	9	0	4	0	0	4	o	U	4	0	U	Singbhoom.
			18	0	18 0		24 1	0 240	0 240	0	Z7 11 10	11	10	10	10	3	6	6	3	4	0	3	8	0	Manbhoom.
Z2 Z3 Z4 Z5 Z6	In sub In sub In Sub In Ban At Kh	-divisio divisio divisio druck aragdib ltongur	ns ns ns ns ns ns ns ns ns ns ns ns ns n	retai retai retai il pr n Gin retai	prices I prices I prices I prices I prices I prices I price of si I price of	of salt pof salt pait 9 sed division of salt 12	per ru per ru ers pe i reta (0 to 1	pee wer pee wer pee wer r rupee. Il price 12 seers	of salt per rujee.	she ko 12 pee	ta 12 se engunge our 12 se seers p	ers, e 10 eers, eer t	and see De	Min an	a teli nd A ur a	pur rrar nd	e an	(m	500 L K	anig	guug	re)	12	see	rs. il and Godda 11 s

P. NOLAN, Offg. Secy. to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

												*																								
						WE	TRA	т.	¥						BAR	LBX							Ric	в, в	RST	801	RT.					R	CR,	Сом	MO	
Number.	MARTS.			Present return.			Next preceding return.			Corresponding return	of last year.	4	Present return.			Next preceding return.		Corresponding return	of last year.			Present return.			Next preceding return.			of last year.			Present return.			Next preceding return.		Corresponding return of last year.
N.	Miles	1	R.	Δ.	P.	k	A.	P.	R		P.	R		P.	R	. A.	P.	R.	۸.	P.	R	. А.	P.	R	. Α,	P.	R	Α,	P.	R	۸.	P.	R	4.1	Р.	R. A.
1	Calcutta		2	6	в	2	6	0	9	6	0	1	10	0	1	7	0	1	16	0	4	6	8	4	7	6	5	8	0	2	3	6	2	6	3	ï,
. 2	Serajgunge		1 1	3	0	2	2	0	2	8	0										4	8	0	4	12	0	4	12	0	2	0	0	1	14	0	8 . 2
3	Dacca	. 3	2	7	0	2	4	0	1	14	0	1	8	0	1	8	0	1	4	0	2	14	0	2	10	0	2	14	0	2	7	0	2	3	0	2 8
4	Naraingunge						•••														2	8	0	2	11	0	2	14	0	2	6	0	2	8	0	2 10
15	Chittagong		2	6	0	2	6	0	2	8	0					. *1					3	8	0	3	8	0	3	0	0	2	10	0	2	10	0	2 9
6	Patna .		1 1	3	0	1	14	6	1	13	0	1	6	3	1	5	3	1	8	0	3	0	0	3	0	0	3	5	0	2	2	0	2	3	0	2 10
7	Balasore	1	2	2	0	2	2	U	2	0	0	3	0	0	3	0	0	3	3	0	8	0	0	3	0	0	3	0	0	1	10	0	1	10	0	1 10
8	Pooree						***		79	***		1000				•••		oper.						18-	•••					1	15	0	1	14	0	1 14
9	Cuttack	1 5	2	0	0	8	0	0	2	Б	0										8	10	0	8	10	0	3	0	0	2	2	0	2	2	0	3 3

CALCUTTA,
The 31st May 18:6.

PRICES	PER	MAUN	D

Jowan (Sorghu	or Cu	gare.)	Bajr (Penn	isetum deum.	typhoi-
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	q.a.s	R. A.T.	₩. A.P	R. A.P.	R. A.P.
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OF 40 SEERS.

\ ARU.	a or R	agi.	17	ALI	AN	MIL a ita	LE	r.
Present seturn	Next preceding return.	Corresponding return of last year.	, ,	Present return		Next preceding return.		Corresponding return of last year.
R. A.P.	R. A.P.	K. A.P	. R	. A. 1	P.	R. Ai	P. I	L.A.I
			2	2	0	2 2	0	
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1 6	01 6	0		1 14	1	0 2 0	0 0	
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	-							marketon
			,			1.		-

11186

undermentioned Marts of Bengal during the Fortnight ending the 31st May 1836.

KAT	DA	LA	HA Y	OR	8	UI	A	IA.	•	1	N)IA				lay		M.A.	ZE				U	DJ	AN	P	THU CUS					F	IRI	BW	ood							S	ALT			*			
Present return.				Next preceding return.		から か		Corresponding return	or san Jean.			Present return.			North annual and N	tree brecoming remin-		Cornegnonding setuen	of last year,			Present return.			Next preceding return			of last rear	or may John.		Present return,			Next preceding return.			Corresponding return of last year.			Present return.		*	Next preceding return.			Corresponding return of last year.		MAJ	ets.
2.4	. 1		R			P.	R	. 4	P	-	R.	۸.	P.	F		١.	P.	R.	A .	P.	R	. A	. P.	F	A.5	. P.	R		. P.	R	. A.	p.	R.	۸.	Р.	R	. A.	P.	R		r.	R		P	R	. 4.	P		
1 1	2	0	1	1	2	9	2	0		0	1	12	6	1	1	4	0	2	12	0	1	15	0	1	10	5 ()			C	8	3	0	8	3	0	6	3	2	12	0	2	12	0	2	12	C	Calcut	ta,
2 5	2	0	1	1	3	0	2	4		0											1							***											2	9	0	2	3	3	3	0	0	Serajg	ung
2 1	6	0	1	1	1	0	2	8		0		•••										***								0	5	0	0	6	U	0	8	0	3	2	0	3	2	0	3	0	0	Dacca.	
2	8	0	2		7	0	2	3		0									•••		2	6	0	1	18	5 (,			0	8	0	0	8	0	0	8	0	2	14	0	2	14	0	2	14	0	Narain	gun
3	4	0	2	•	3	0	2	9		0				0							3	12	0	4	•) (4	0	0		в	0	0	6	0	0	4	0	3	4	0	8	8	0	3	0	0	Chitta	gon
	5	0	1		3	0	1	10	,	0	1	в	0	2		1	0	1	в	6	1	6	0	1	•	3 (0	4	6	0	4	6	0	4	9	3	1	6	3	1	6	3	0	0	Patna.	
2	8	0		cal §		0	2	8		0							-				2	12	0	2	14	1 (,			0	5	0	0	3	6	0	4	. 0	3	14	0	3	14	0	3	11	0	Balasc	ro.
		-			4					-							-																						2	10	0	2	10	0	2	6	0	Poore	
	0	0	(h	al			2	2)																				0	8	0	0	8	0	0	8	0	2	12	0	2	19	0	2	12	. (Cutta	ck.

Published for general information.

P. Nolan,
Offg. Secy. to the Gout. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Cascutta from the Interior during the month of February 1886.

IMPORTS INTO CALCUTTA.

			F001	D-GRAIN	8.			FIBROUSI	RODUCTS.	OIL-8	REDS.				800	JAR,	1
Whence imported.	Rica	AND PA		Wheat,	Gram	Other food-	Total.	Jute, raw.	Gunny-	Linseed.	Mustard-	Tea, Indian.	Cotton, raw.	Silk, raw.	Drained	Un.	P
	Rice.	Paddy.	Total (in rice).		pulses.	grains.			bags.	hill hillori ()	socu.	*				drained	pat
BENGAL.	Mda.	Mds.	Mas.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Md».	Mds.	Mds.	Mds.	Mds.	Mo
Surawan	1,19,437	1,856	1,20,284	204	5,579		1,26,067	183	10,850	1,298		135		30	69	*****	
seerbnoom	64,128	W. Dor	64,123	*****	273	*****	64,396 1,96,096		12,460	269	******	*****	4	409 131	50	******	
didnapore	1,73,401 69,853	\$5,395 5,340	1,95,522 73,195	45	6,351	45	79,685	40,881	346,174	6,062	685	******	347	10	648	4,458	
dooghly	3,69,752		4,13,372	71	23,079		4,36,522	61,847	724,252	841	*****	*****	954	*****	17,748	35,989	- 6
Vuddea	17,786	1,068	18,403	22	49,934	124	68,483	35,193	11,285	46,990	1,199	******	152	409	652	16,924	
huina	12,312		18,562		254	*****	18,816 49,925	782 10,451	385	3,390	58		54	*****	1,275	14,925 21,105	***
essore	39,989 16,758	9,500	45,926 16,7.8	******	3,999 2,446		19,203	688	2,417	823	1,080			420		Union Nestign	-
doorsnedabad Dinagepore	27,448	738	27,909		120		28,029	11,906	82,370		*****	******	******		*****	******	***
ajshanye	11,819	******	11,819		2,403		14,222	12,972	100 000	256	924	*****	7 70 5	8	******	mm.	***
tungpore	22,975	268	25,142	******	101		28,243	1,49,799 8,732	100,695		146		1,735		******	*****	4,6
ozra		307	50,331 1,405	******	135		1,702	2,40,357	500,570		1,400	******			******	76546	***
parieeling	11,200	*****	2,100				· ·····	I min I	70			9		******		******	***
ulpigoree	5,723		5,722			*****	5,722	32,272	95,410	*****		10	0.40			******	***
neca	5,683	in	5,683		58		5,741	1,65,215	70	******	1,504	*****	3,595 1,985		*****	*****	
urreedpore	0 27 747	1,025	9,38,387	******	1,307		9,38,512	1,42,958	******	******	1,504	******	1,009	******	******	350	
Backergunke	1,9,4	1,025	1,974		1,335	******	3,309	92,372	******	110					******	000	
dymensingh	4 150		4,150				4,150		*****	******		******	20000		******	******	Contract of the contract of th
hittagong	******	******	1				*******	10,923		*****		106	158		******	******	
onkhoily	13,886	2,000	15,086		******	******	15,086	111111		44444	0.000		0.001			******	***
Total of Beneal	19,86,179	1,36,790	20,71,673	342	98,369	169	21,70,553	10,22,851	1,887,408	60,039	6,996	260	8,984	1,412	20.664	93,751	5,3
BEHAR		1															
atta	8		8	41,163	5,056	2,314	48,541		1,750	8,833	56,151	1	1,102	4	1,083	579	51
ya		******		1,153	******		1,152	******	770	1,053				******	Apr. 101	1	
nahabad	******			3,278	3,381	*****	6,659		140	294					124	1,426	***
iozufferpore	1 1/2 1 1/2/2	******	4	/mar + 47	198		198		210	694	970					******	100
ornnungs	4	*****			200	779	979		1408					******		******	200
Mongayr	479	18	478	296	637		1,406	192	1,365	357	4,539	************			******	3	***
Snaguipore	697		687	8,772	1,409	3,742	9,610	731	40 050	870 277	26,371 2,869	2	******	16	******	******	·w
urnean	843		643 345	1,1 2	1,556	195	2,347	1,836 4,376	48,250	218	875				******	um	- 011
daldan Pergun-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.00	769	1,176	57	2,047	2,010		-	200	1			1	*****	***
mitua Perguii-	1,112		1,112	712	1,920	*****	3,744		805	271	35,180			43		*****	***
Total of Bensy	3,248	-	3,265	52,314	15,533	7,087	78,202	7,235	53,430	12,867	1,26,955	3	1,102	63	1,207	2,009	56
					20,000	-1001	-					-		() describition	-		
HEISHA.		-	500			10.35	*****	1									
uttack	1 50 574	27,287	69,629		362		69,991	3,368	1,700							******	***
otal o Orissa	52,574	28,087	70,129	******	362		70,491	3,368	1,700	Same.						******	
CHOTA NAGPORE.			1000		-		-			144			1				
JHOIZ MAGICAL	1		100						270		E 700	17	1 7 7	1977			
Inzarioagh	10 401	******	78.450	******			16,450		770 70	1	5,708	1			******	*****	***
Ianbhoom	16,401	79	16,450			******	******						-				100
otal of Chota Nagpore.	16,401	79	16,450				16,450		840	1	5,708			•••••	*****		
rand Total of)	-	-															
supplies from the	40 KB 400	10000	91 01 800	E0 010	1 14 004	7,256	23,35,696	10,33,454	1,943,378	72,907	1,39,659	263	10,086	1,475	21,871	95,760	5,898
Provinces under	20,58,422	1,01,956	21,61,520	52,656	1,14,264	1,200	20,00,000	Lujudy EUS	,,,,,,,,,	,		200	,,,,,,	-,-10	147.27%		30
Sovernor of Ben-	100	100										V.				10.5	173
mi.	-	-				-		1	194100000		A	1000			1000000	1000	4
		1						1.7			1000					11966	
THER PROVINCES	604		604		402		1,006	12,461	1,190	******	3,756	13.476	3,521	146	*****		107
orth-Western Pro-				1,13,227	83,654	2,253	1,99,134	******	84,405	5,590	18,498	637	85,635	******	50	146	m
vinces and Oudh.	1000000		V				FE 000		Part To Sa		3,429	67	18,842		1 39		
unjab	5		5	12,333	40,204	2,794	55,336 1,400			1,619	0,420		912				
entral Provinces	*****	*****	******	1,400	1,268		1,268		4,000	******			18,007				***
ombay		1						12		*****		******	1,134	1	2,214		
ritish Burmah						******			******	******		******	******	10	12,896	3	63
ther places	7	******	7		18	******	25		******	******	******	*****	******	27			
rand Total (1886	20,59,038	1,64,956	21,62,136	1,79,616	2,39,810	12,303	25,93,865	10,45,927	1,982,973	80,116	1,65,342	14,443	1,38,137	1,659	37,031	95,940	5,89
imports 3	Marie Committee		590 1.09		1 1 1 1 1 1			8,59,050	1,490,287	1,24,042	1,64,675	38.504	1 10 001		54,533	94,249	1,38
February, C1885	THE R. P. LEWIS CO., LANSING, MICH.	10 00 Oat 1	17,71,229	1 47 050	1,91,399	40,402	21,46,080	m. mat. (101)	4. 4. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	A 140 % U 1 2		15,702	A+10.201	2,624	U #, 000	and the second	45000

^{*} One mauud of paddy is equivalent to 25 seers of rice.

The Sea-borne Trade of Calcutta in these Staples during the month of February 1886 was as follows:-

CALCUTTA-	1		5.7													
To Indian ports,	9						1 71 000	740	1 005 000			490			731	
Bombay Sind	1,71,290	30	1,71,309		60	150	1,71,369	522	1,925,200 161,731 199,993	******		486		140	128	
Madras Other ports in Madras	1,05,429	2,789	1,07,172	103	40,885 4,313 14,236		1,11,485 16,324	49 377	279,480 2,490,850			1 23	2		5 1,323	2
British Burmah Other Indian ports Pondicherry	1,929	******	1,929		2,204		16,809		394,900 57,900				3		976	
Fotal of Inter-}	2,93,258	2,819	2,95,020	103	61,718	206	3,57,047	948	5,510,054			511	5	140	3,163	
Fo Foreign ports— United Kingdom	3,59 556		3,59,556	50,302	2,318		4,12,176	7,75,142	1,148,200	58,782	5,855	45,866	72,502	856	3	
other Foreign ports	8,70,828	599	8.71,202	4,482	18,492	6,816	9,00,992	3,34,120	5,050,210	18	117	1,429	20,999	1,319	736	
Total of Foreign	12,30,384	599	12,30,758	54,784	20,810	6,816	13,13,168	11,09,262	6,198,410	58,800	5,972	47,295	93,501	1,675	739	
Grand Total (1886	15,23,642	3,418	15,25,778	54,887	82,528	7,022	16,70,215	11,10,210	11,708,464	58,800	5,972	147,806	93,500	1,815*	3,902	. 1,
of Exports 1885	15,33,830	7,582	15,38,571	1,26,932	43,338	14,685	17,23,526	10,00,187	7,269,048	1,31,577	45,165	48,591	72,702	1,413	2,902	

^{*} Excluding tussar and other wild silk

[†] Exclusive of bags obtained by local manufacture.

The following Statement shows, the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of February 1886.

IMPORTS INTO CALCUTTA.

		Po	OD-GRAIN	6.		FIBROUS	PRODUCTS.	OIL	SERDS.				80	GAR.	Ton	ACCO.
ROUTES.	Rice.	Paddy.	Wheat.	Gram and puises.	Other lond- grains.	Jute,	Gunny- bazs.	Linseed.	Mustard- seed.	Tea, Indian.	Cotton,	Silk, raw.	Drain- ed.	Un- drained.	Bis- path,	Other kinds.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
fountry boats fiver steamers (Rast Indian Ry.	15,52,736 1,627 1,88,681	1,38,809	1,75,275	61,210 10 1,33,032	9,973	2,81,860 2,88,753	1,118,437 64,540	40,923 18,414	14,657 3, 56 1,43,889	12,604	1.824 6.941 1,06,491	143 103 920	8,142 1,257	30,802	1,158	8,019
nil fastern Bengai State Railway.	1,89,234 79,235	1,486 8,943	22 71	21,066 24,270	83	3,99,340 61,876	707,770 86,526	19,662	3,010	168	2,939	455	548	2,155 41,002	4,740	83 11.561
nad	47,505	18,861		222		14,098	5,700	1,117		106	19,299	38	11,979 15,110	22,447 34	7: -	8,118 483
and Total of (1886	20,59,038	1,64,956	1,79.616	2,39,810	12,303	10,45,927	1,982,973	80,116	1,65,342	14,443	1,38,137	1,659	37.031	95,940	5,808	29,016
Puruary (1885	16,44,391	2,02.941	1,43,050	1,91,399	40,402	8,59,050	1,490,287	1,24,042	1,64,675	15,702	1,18,231	2,624	54,533	94,219	10000000	127.0502300

The following Statement shows the Values and Quantities of the Principal Staples of Traffic exported Inland from Calcutta during the month of February 1886.

EXPORTS FROM CALCUTTA.

	Cotton piece	-goods.	Cotton	LWISE.	0.14	Gunny-		Cottonpie	ce-goods.	Cotton	twist.		
ther exported.	Europeau.	Indian.	European.	Indian.	Salt.	bags.	Whitier exported.	Euro- pean.	Indian.	Euro- pean.	Indian.	Salt,	duny-bags.
	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.	Ivs.	140.	artio.	2.4		240,	Hazaribagh	00.050	1				
wan	3,49,904	660	444	1,554	28,053	108,142	Manbhoom	89,856 85,320	******	24	345	3,439	4,890
moom	1,56,168		76	430	9,485	61,890		00,020			1,262	3,038	8,435
apore	1,32,433	3,293	2,800 420	75	20,635 1,225	11,261	Total of Chota Nagpore	1,75,176		24	1,607	6,477	13,125
mly	95,157	12,086	698	1	10,461	23,727 96,856						45,37.4	15,125
ggunnalis	1,96,666 3,34,068	900	1,237	19	20,968	53,058	Grand Total of supplies into)	1.00	10.00		100		
00h ***	48.012		82		6,050		the provinces under the	85,25,058	48.286	14,315	7 179	5,43,387	
//a	1,23,148		329		16,787	6,045	Lieutement-Governor of Sengal.	30,00,000	20,200	A System	1,114	0,93,001	1,156,039
shedahad	67,320	1, 20	33	39	5,435	11,125	Dengal.				Miles		
Rebote	1,10,736		_b 179	,	7,483	17,875	OTHER PROVINCES.				-	20.000	To the second
hahye	2,56,404		252		12,197	4,965	Assam	5.83,527		628		25,923	
pore	4,06,841		307	******	11,800	8,435	North-Western Provinces	0.00,027		040		20,023	175
	2,25,792		113	*****	4,569 34.085	48,195	and Oudh	24,54,403	1,100	3,443	667	18,418	479,990
å	2,65,028	8,800	232 92	*	1,4:6	1,890	Punjab	12,69,648	1,540	1,011			207,863
eling	50,184	770	378	******	10,223	3,115	Central Provinces	37.512		255	7		72,765
goree	2,12,6:6	1	413	211	85,754		Rajputana States	31,320		107	*****	*****	11,410
	6,46,767		483	82	27,885	3,290	Bombay	7,130		*****	*****	******	1,925,290
edpore	3,47,696	100	16		29,360	1,015	Madras	72,554	******	2,136	***-**	*****	479,478
ergunge	1,01,899 87,310		101		14,255	700	Sind		******	*****		*****	161,731
enstry h				******	4,000		Pondicherry "	7777	*****	*****	10.00	*****	57,900
erah	1,08,780		186			174,300	British Burmah	1,85,695	480	992	757		2,490,850
agong	300				2,500		Other places	17,905	14,159	24	10	*****	6,225,340
thouy							Grand Total of 1886	1,31,84,757	71,824	22.911	0.019	5,87,728	70.000
al of Hengal	43,23,229	27,936	8,871	2 410	3,14,645	640,889	Exports in Feb. (1885	1,32,24,835	53,329	22,997		5,98,074	13,268,668 8,515,831
BEHAR.		1					The Sea-borne Trade of C	Calcutta in	these St	aples d	uring th	e month	of Februm
		- 070	0.2	201	82,762	78,305	1886 was as follows:-					100000	
A	5,11,632	1,870	241	237	13,002	25,585			-		-	178572	After Section 2
	1,65,888	15,950	• 4l	98	16,863	33,460	IMPORTED INTO CALCUTTA-	Rs.*	Rs.	Mds.	Mds,	Mds.	
shad	4,39,056 1,30,968		6	31	2,979	910	IMPORTED INTO CALCUTTA	14.5.	200.	auto.	atus,	atus.	No.
808Q						31,150	n n n						C-YES ENGINEER
iferpore				839	31,913	01,100	From Foreign Ports-					Section was	
Merpore	8,04,456		56	839 24	31,913	140	From Foreign Ports-	93,14,782		13,562		(5.20.879)	
derpore	8,04,456 28,368	A CONTRACTOR OF THE PARTY OF TH		24 24	271 11,892	140 6,405		93,14,782 62,956		13,562 175		5,20,879 1,21,469	
derpore	8,64,456 28,368 6,23,880		56	24 24 245	271 11,892 10,860	140 6,405 8,555	United Kingdom Other Foreign ports	62,956		175			
dungs	8,04,456 28,368	1,650	56 5 25 5	24 24 245 300	11,892 10,860 11,668	140 6,405 8,555 3:,670	United Kingdom Other Foreign ports Total of Foreign Trade						
thungs	8,04,456 28,368 6,23,880 1,54,440	1,650	56 5 25	24 24 245 300 471	271 11,892 10,860 11,668 12,154	140 6,405 8,555 3:,670 7,135	Other Foreign ports Total of Foreign Trade From Indian Ports -	93,77,738		175		6,42,348	
dungs	8,64,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452	1,650	56 5 25 5 91	24 24 245 300 471	271 11,892 10,860 11,668 12,154 5,591	140 6,405 8,555 3:,670 7,135 2,350	United Kingdom Other Foreign ports Total of Poreign Trade From Indian Ports — Bombay	93,77,738 17,039	73,368	13,737		1,21,469	
dungs	8,64,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452	1,650	56 5 25 5 91	24 24 245 300 471	271 11,892 10,860 11,668 12,154	140 6,405 8,555 3:,670 7,135	United Kingdom Other Foreign ports Total of Poreign Trade From Indian Ports - Bombay Walters	93,77,738 17,039 6,200	73,368	13,737	7,859	1,21,469 6,42,348 47,797	
derpore dungs dung	8,04,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452 3,28,248	1,650	56 5 25 5 91	24 24 245 300 471	271 11,892 10,860 11,668 12.154 5,591 16,621	140 6,405 8,555 3:,670 7,135 2,850 59,780	United Kingdom Other Foreign ports Total of Poreign Trade From Indian Ports Bombay Madras Other Ports m Madras	93,77,738 17,039 6,200 4,200	73,368 8,123 2,870	13,737	7,859	1,21,469 6,42,348 47,797	4,000
derpore dungs dung	8,64,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452	1,650	56 5 25 5 91	24 24 245 300 471	271 11,892 10,860 11,668 12,154 5,591	140 6,405 8,555 3:,670 7,135 2,350	Other Foreign ports Total of Poreign Trade From Indian Ports Bombay Madras Other Ports in Madras British Burmah	93,77,738 17,039 6,200 4,200 8,800	73,368 8,123 2,870	13,737	7,859	1,21,469 6,42,348 47,797	4,000
illerpore hangs a series of a	8,04,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452 3,28,248	1,650	56 5 25 5 91	24 24 245 300 471	271 11,892 10,860 11,668 12.154 5,591 16,621	140 6,405 8,555 3:,670 7,135 2,850 59,780	Total of Foreign Ports Total of Foreign Trade From Indian Ports Bombay Madras Other Ports in Madras British Burmah Other Indian ports	93,77,738 17,039 6,290 4,200 8,800	73,368 8,123 2,870	175	7,859	1,21,469 6,42,348 47,797	4,000
illerpore dungs du	8,04,456 29,368 6,23,880 1,54,440 8,29,688 3,31,452 3,28,248 38,48,076	1,650	56 25 5 91 114	24 24 245 300 471	271 11,892 10,860 11,668 12.154 5,591 16,621	140 6,405 8,555 3;,670 7,135 2,350 59,780 287,445	Other Foreign ports Total of Poreign Trade From Indian Ports Bombay Madras Other Ports in Madras British Burmah	93,77,738 17,039 6,200 4,200 8,800	73,368 8,123 2,870	13,737	7,859	1,21,469 6,42,348 47,797	4,000
illerpore hangs a series of a	8,04,456 28,368 6,23,880 1,54,440 3,29,688 3,31,452 3,28,248	1,650	56 5 25 5 91	24 24 245 300 471 	271 11,893 10,860 11,668 12,164 5,591 16,621 2,16,576	140 6,405 8,555 3;,670 7,135 2,350 59,780 287,445	Other Foreign ports Total of Poreign Trade From Indian Ports Bombay Madras Other Ports in Madras British Burmah Other Indian ports Pondicherry	93,77,738 17,039 6,290 4,200 8,800	73,368 8,123 2,870	175	7,859	1,21,469 6,42,348 47,797	4,000
therpore thanks a said	8,04,4-6 25,368 6,23,880 1,54,440 5,29,688 3,31,452 3,28,248 38,48,076	1,650 	56 25 5 91 114 595	24 24 245 300 471 617 3,082	271 11,892 10,860 11,668 12,154 5,591 16,621 2,16,576	140 6,405 8,555 3;,670 7,135 2,350 59,780 287,445	Other Foreign ports Total of Poreign Ports From Indian Ports Bombay	62,956 93,77,738 17,039 6,200 4,200 8,300 2,375 33,114	73,338 8,123 2,870	175	7,859 389 8,248	1,21,469 6,42,348 47,797	4,000
sherpore beings a series of the series of th	8,04,4:6 25,368 6,23,880 1,54,440 3,29,688 3,31,442 3,28,248 38,48,076	1,650 770 20,350	56 25 5 91 114 595	24 24 245 300 471 	271 11,893 10,860 11,668 12,164 5,591 16,621 2,16,576	140 6,405 8,555 3;,670 7,135 2,350 59,780 287,445	Other Foreign ports Total of Poreign Trade From Indian Ports Bombay Madras Other Ports in Madras British Burmah Other Indian ports Pondicherry	62,956 93,77,738 17,039 6,200 4,200 8,300 2,375 33,114 94,10,852	73,338 8,123 2,870	175	7,859 389 8,248	1,21,469	4,000

As per tariff declaration value.

following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Cascutta during the month of February 1886.

	COTTON PIE	CE-GOODS.	Cotjon 1	WIST.	Salt,	0
SPECIFICATION OF ROUTES.	European.	Indian.	European.	Indian.		Gunny-bags,
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
East Indian Railway Lastern Bengai State Railway	2,57,319 5,95,286 83,80,512 31,72,968 2,10,407 5,68,265	4,300 28,380 9,570 12,086 17,488	3,382 1,040 5,984 3,526 816 8,163	211 7,450 101 31 840	2,59,107 10,843 2,50,326 57,257 4,501 5,689	1,242,255 145,775 26,320 11,708,444
Grand Total of Exports in February {1886	1 81 84 757	71,824 63,829	22,911 22,997	8,613 8,000	5,87,728 5,98,074	13.268,66 8.513,831

STATISTICAL DEPARTMENT, The 31st May 1886. P. Nolan,
Offg. Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Ben

			Name and Address of	×.				+	-	-					
			-9	PRESSU		WIND					238	MPRRAT			
DISTRICT.	Representa station		Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velo-	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily tem- perature of week.	Variation from
	Gopalpore		29.604	29*654	_	Calm	120	91.7	4th June	78.8	29th May	89.6	81.1	85'3	199
Pooree	False Point		29.611	29.632	- 049	Westerly	209	93.0	4th ,,	76.6	1,2 June. 3rd ,,	91.8	79'9	85.9	-0
Cuttack	Cuttack		29.241	29.621	039	sw	69	102.9	31st May	75'8	2nd ,,	98.7	78'2	88.2	-2
Balasore	Balasore		29.563	29.621	_	s	107.2	98'9	4th June	76.2	3rd ,,	93.2	78.5	86.0	-
South-West Midnapore	0		29.605*	29.631*		6311	074	93 2	443	82.0	and l	92.3	83.9	001	
South 24 Pergunnalis	Saugor Islan	a	20 000	20 001	+.023*	sw	274	00 Z	4th ,,	102 0	2nd ,,	020	000	88.1	+1
Midnapore	Midnapore		29'483	29.631	-	s	94'5	101.3	4th ,,	78.8	30th May	97.4	80.2	89.0	-
24-Perguinaha															
Howrah	Calcutta		29.591	29.612	- '054	SSE, WSW	120	99.0	4th ,,	79 2	20th ,, 3rd June.	3 3.8	80.1	87'0	+1
Hooghly															
Burdwan	Burdwan		29.515	29.614	-,053	8	75	98.7	4th ,.	78.4	30th May 3rd June.	94.6	79 9	87.3	-0
Bankoora	Bankoora	***	29 292	-	-	NW	45.0	102.1	4th ,,	74.6	30th May	96.5	79.1	87.7	-
Beerbhoom	Raneegunge	.,.	29.281	-	-	NNW	99.2	104.0	4th ,,	77.3	30th ,,	86.8	80.5	88.6	_
West Burdwan	Mank		29.516	29.613	054	postr	9510	97.2	442	75.10	Wiet.	92 0	78.1	85.1	1
Moorshedahad	Berhampore		29.516	20 013	034	SSW	85'9	97.8	4th ,,	76.8	31st ,,	93.8	78.1	85.7	-2
Nuddes	Krishnagore		20 503			SSW	81'7	0,0	4th ,,	70.8	29, 31 ,,	-50	101	00 /	-
Jessore "	Jessore		29.291	29.623	058	s	95.5	97.8	4th ,,	79.4	29, 31 ., 1, 2 June.	92.6	79.8	86'2	+0
Khoolns	Chittagons		29*596	29.685	'045	SSE	127	89.1	30th May	74.0	4th ,,	85.0	76.2	80.6	-2
Chittagong	Demagiri					002		orestion	s not recei		,,		, , ,		
	Barrisal		29.628	29.640	_	Calm	64.5	92.8			Soth May	88.3	76.3	82.8	_
Backergunge	Noakholiy		29.636	29.679	_	SE	012	88.2	}	73.3	29th ,,	86.8	76.2	81.2	_
Furreedpore	Furreeapore		29.595	-	-	SSE	130.2	92.0		76*9	1st, 2nd,	88.3	77'8	83.0	_
**			aout10	001000			1000				4th June.		Maria .		
Ducca	Dacca		29.616	29.638	'044	SSE	123		31st May		29th, 30th May.	88*9	78.1	83.2	-0.
Tipperah	Comillah	***	29'624	20.660	_	SE	54.5	89'4	& 3 June,		4th June	87·3	75.9	81.6	-
Mymensingh	Mymensingh		29.578			ESE	111'5	87.8	2nd ,,	72.1	29th May	00.0	700	79.7	-
Bogra and Pubna	Bogra	***	29.554	20.617	-	ESE	81'3	91.3	4th ,,	73.8	29th ,,	88.2	76.9	82.6	-
Bogra and Fubility	Serajgunge		29.285	29 629	-	Easterly	92.4	92.1	4th ,,°	73.7	Slst "	89.7	76.8	83.3	-
Rajshahye	lenti.	Beau-	29.541	29.611	-	Variable	31.8	97.4	4th ,,	70.7	31st ,,	91.5	77.3	84.2	::-
Maldah	Maldah	***	29.444	-		Calm	12.9	93.2	3rd ,,	73.6	30th ,,	90.2	77'8	83 9	*
Dinagepore	Dinagepore		29.203	29.623	-	SSE,	120	93.1	4th ,,	72.6	29th ,,	89.0	76.9	83.0	-
Rungpore	Lungpore	,	29.516	29.641	-	ENE	76	90.8	3rd, 4th		:9th ,,	88'4	73.7	81 0	-
Julpigoree	Julpikoree		29.317	29.603	_	SE	Moun	00:0	June. 2nd, 3rd,	72.8	29th ,,	89.0	73'8	81'4	
Cooch Behar)	- mpikuree	**	20 017	20 000	_	aa	78.2	80.0	4th June		29th ,, 2nd & 4th June.	000	100	91.4	7
Darjeeling Hill Districts	Darjeeling		22 917	-	1-	Northerly	91.6	67.6	4th ,,	51.6	29th, 30th May.	63.2	54.5	58:9	-
Purnesh	Purneat		29.486	29'611	071	Calm	0.2	99'2	4th	7	_	94'8		?	2
orth Bhagulpore															
First Section Co. 1	Mozuflerpore			Doi:		Whates			ons not tak						
	Durbnungs Motiber		29.438	29'604	047	ESE	111	50.4	4th June		1st June	94'1	78.4	86.3	-0"
	Motinar: Chupra	""	29*874	29*599	_	ESE	157.5	99.8	4th ,,	68'8	1st ,,	95.3	75°2	85.2	Ξ
	Denree		29.348+	29.584	_	Easterly	202.2	104.2	4th June	74.0	30th May	96 8	78'4	87 9	
* 1	Buxa:		29.259	29.587		WNW	144.7	105.4	4th June	77.7	30th ,,	99.5	80.8	90.7	
	Arras		29.383	29.926	_	E	137.1	105.4	441	78.6	4th June	99.1	80.3	89.7	
	Gya		29 213	39.583	-'059	Westerly	77	1056	ath ,,		29th May	100.3	79.0	89.7	-21
The second secon	Bankipore		29.423	29.603	036	ENE	103	106.6	4th ,	A 18 8 10.	31st "	98'7	79 9	89.3	-2.5
South Bhagulpore	4														
Moughyr	Enaguipore		29.425	20.586	-	E, calm	23	86.4	4th ,,	74.0	1st June	92.9	78.1	85.2	-
	Doomks		29.097	-	- 1	Calm	34.8	101.5	4th ,,	75'8	30th May	94'8	78.6	86'5	-
Hazaribaga	Hazariosen		27:639	29.602	024	WNW	171	97.5	4th ,,	71.7	30th ,,	92'5	75.2	83 9	-3.2
Lohardugea	Kanchee		97:537	20:500		w	2500	no.	41).	Marie	SOLP	0444	79.0	841	
	AND THE PERSON NAMED IN		27:517	29.203	-	**	156.4	98.2	4th "	72.4	30th "	94'4	73 9	.841	ERE
manbhoom					585000		1905 100					202 S (1) (1)			

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overest vations of rainfall," the normal means are the numerical means or averages of the rainfall in that district determined from the returns sent in by the subthe district (i.f.) from the total rainfall at the sub-divisional stations in the district sending in returns divided by the number of stations. An

ne week ending Friday, the 4th of June 1886.

N.	. 1	-		A contract of the contract of		- 2 Eu	ATIONS.	OBSERV	STRICT	DI					
DIVISION	di							LINPALL							e in
HALL D	1	DISTRICT,	Representative	raper.	mber days.	1886.	e 15th May	TO BERT TIME TO COLUMN TO SERVICE	3 00 1	nce 1st of M	Sin	week.	Of v	week at stations.	M. for week
WRTHOROGOGICAT			\$-	Normal number of raing days.	Average number of rainy days.	Variation.	Normal mean.	Mean for district.	Variation.	Normal mean,	Mean for district.	Normal mean,	Mean for district.	Rainfall of w	at 10 A. M.
188		No.	Gopalpore)	_	_	_	_		_	_	_	_	_	0.40	4.6
	-]	Pooree	False Point	1.6	1.7	+1.41	2.05	3:46	+1.09	3.42	4.21	0.50	0.81	0.21	7.7
Onvince		Cuttack	Cuttack	1'8	2.6	+1.41	2.24	3.92	+0.76	4.09	4.85	1.30	1.80	3.19	7:9
0]]	Balasore	Baiasore	2.0	1.7	+0.27	2 93	3.50	+1.60	5.08	6.68	1.15	1.09	Nil	
	pore }	South-West Midna	Sangor Island }	2 2	1.3	-2.17	3.30	1.13	-0.77	5.85	2.08	1.49	0.50	0.42	8.3
	- 11	South 24-Pergunnal Midnapore	Midnapore	2.1	1.0	-1.25	2.96	1.71	+2.00	5*87	7.87	1'44	0.45	0.97	6.4
		24-Pergunnaha	ſ												
	-	Howrah	Calcutta	2.4	0.8	-0.59	3.88	3.29	+0.86	6.82	7.78	1.77	0*67	0.06	5.9
Barner .		Hooghly	į	1.00							****		0.02		
	}	Burdwan	Burdwan	1.9	1'3	+0.93	3.13	4.06	+4.70	5°34 5°26	5.74	2.03	1.57	0.32	4.6
4		Bankoora	Bankoora	2.1	2.3	+1.37	3.13	4.20	+0.48	5 26	0 79	2 03	1.07	2.28	3.7
20 CH 10 CM		Beerbhoom ""	Rancegunge	1'8	2.3	+0.28	2 55"	3.13	+0.13	3 97	4.10	1.21	0.28	0.70	5.1
1000		West Burdwan	Berhampore	2.1	2.2	+0.5	3.72	3.82	-0.23	5.96	5.43	1.47	1,26	1.83	7.4
		Nuddea	Krishnaghur	2.5	2.6	+1.22	4.68	5.80	+3.70	7:30	11.00	1.89	2.35	0.43	6'4
1		Jessore	(2.0						Mana					
		Khoolna	Jessore {	2 8	2.9	+1.28	4.62	5.80	+4.20	7.93	12'13	1.80	1.22	1.50	5.4
		Chittagong	Chittagong	3.6	5.0	+7.93	8.45	16.38	+7.28	13.17	20.45	3.87	11.33	19.84	91
į		Chittagong Hill Tra	Demagiri	4.5	6.0	+0.25	7.34	7.86	-0.17	12°92	12.75	4.13	3.93		
į		Backergunge	BarrisaJ	3'4	5.2	+2.37	6.18	8.22	+2.55	9.79	12.01	2.82	3.18	4*29	8.6
į		Noakholly	Noakholly	3.2	4.0	-1.27	8.79	7.52	+0.13	14*28	14'41	4.72	5*00	8.18	9.1
1	,	Furreedpore	Furreedpore	2.5	4.7	+0.63	6.00	6.63	+2.90	10.16	13.06	2.01	1.32	1.03	4.0
ļ	*	Dacca	Dacca	2.9	5.0	+1.31	5-12	6:43	+0.54	10.62	10.86	1.92	1.77	3.06	8.0
ĺ	-4	Tipperah	Commillah	3.2	3.3	-1.25	6.49	5.527	+0.54	12.71	13.67	2.82	2.13	1.18	6.7
i		Mymensingh	M	3.3	3.8	-1.93	6*55	4.62	-2.52	11.59	9.32	2.38	1.81	2.13	7.9
,	-1	, mountains	Mymensingn												
100	į,	Bogra and Pubna	Bogra}	2.6	3-2	+2.27	5'55	8-12	+1.09	9.12	10.51	2.17	3.66	2'43	8.9
į	-		Serajgunge)	2.2	3.0	+0.42	5.17	5.28	-0.88	8·57 7·43	7.69	1.78	1.48	2.24	74
	5	Rajshahyo	Rampore Beauleah	1'4	5.0	+0.51	4.49	4.70	-0.48		6.95	1.69	1.26	2.80	44
		Maldah	Maldah	1.7	2.2	-0.03	3.13	3.10	-1.04	4.97	3.93	1.03	1.12	2.26	5-1
-		Dinagepore	Dinagepore	2.1	1.8	+2.31	4.63	6.94	+1.35	6.93	8.58	2.42	1.84	4.28	6.9
į		Rungpore	Rungpore	2.6	3.2	+3.63	8:59	12.22	+3.33	12.46	15.99	2.81	5.01	6.46	71
		Julpigoree	Julpigoree {	3.8	5.6	-4'50	11.87	han		16.20	12.13	3'84	3:49	2.72	1.16
1	- 1	Cooch Behar	anthigoree {	0.0			11.04	7.87	-4'37			0.02			
1	ricts	Darjeeling Rill Dist	Darjeeling	4.0	4.8	+0.18	7.20	7.68	+0.58	11.81	12.10	2.79	*68	2.75	9.6
		Purneah	Purneah {	12	1.8	+2.24	2.78	5.32	+1'42	4.81	6.53	0.94	2.12	0.18	.3
		North Bhagulpore	(1 1 1						2:39	0:41				
		Mozufferpore	Mozufferpore	0.9	1.3	+1:37	1:22	2.59	+1.02	2.68	3.41	0.41	1:15	1.45	44
		Durbhunga Chumparun	Durbhunga	0.9	0.4	+0.01	1:51	1'52	+1.72	2.00	2.15	0.64	0.48	2.68	4:0
	-	Narun	Chupra	0.7	1.0	+1'28	1.75 0.92	3.03	+2.13	2.05	3.23	0.93	1.01	1.48	19
The same		*	Denree)	07	10	+1.14	0.02	2.06	+1.18	1		7.00	1.01	Nil	27
1	1	Shahabad	Buxa:}	0.6	1.0	+0.36	0.60	0.96	+0.50	1'13	1'33	0.10	0.25	011	17
	-		Arrah					3.50	1.0 20					0.03	23
-		Gya	Gya	0.8	1.0	+0.23	1.33	1.86	+0.50	1.77	1.97	0.37	0.61	0.61	2.3
-		Patna 2	Bankipore	10	1.3	-0.00	1.58	1.19	-0.33	2.00	1.68	0.36	0.28	0.30	3.1
į	-	South Bhaguipers	Bragumora			26.5		- 1		0.00				1.60	0
į		Monghyr	Bnaguipore {	0.9	1.6	+1'35	1.25	2.87	+1.03	2:35	3'40	0.49	0.84		
1	•	Sonthal Pergunnah	Doomka	1.2	1'3	+1'51	2:36	3'87	+1.72	3.76	5'48	0.94	0.86 [0.70	38 76
-		Hazaribagh	liasarioagh	1'4	1.0	+0.83	1'40	2:31	-0.23	2'85	2.32	0.4	0.18	0.92	1
İ		Lonardugga	Ranchee	1.8			1.70	0.00	1.000	2.68	3.11	0.76	0.28	0.54	43
	-	Manbhoom			1.3	+0.80	. 70	2.20	+0.42						17
A		Singnnoom	Chyebassa	2.3	3.0	+5.02	2:27	7.29	+3.38	3'95	7:33	0.76	2.21	3.46	No.

the past ten years. The variations are segative when the mean for the week is less than the corresponding normal mean, and positive when greater number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" obserting the period in question during the past 12 years. The means of the district" are the numerical averages of the rainfall return received in which at least hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th of June 1886.

	· · ·	1				70. 8	- 4	*	1		1		-		
		- 46	-	786-75	R.	AINFALL			-	Тот		Total rain-	Average		
Keteorological division.	District.	Station.	S.turday, 29th May.	May. 30th	May. 31st	rune.	Wednesday, 2nd June.	Taursday, 3rd June.	Friday, 4th	Number of	Rainfall of	fall since 1st of May.	total rainfall from lst of May.	Total rainfall since 15th May 1886,	rai from Ma to
			90	ž.	Y N	J. P.		Ē	CE .	z	2	1	1	1	_
ORISSA	Pooree	Pooree Khurdah Banpur False Point Gop Pipli			0.03	0.72	1.12		0.01	1 3	0.72 1.19 0.21	4*09 7*01 5*25	2.80 8.80 3.50 3.68	3.97 6.26 1.94	4
	Outsack	Jagatsingpore Banki Cuttack Kendrapara Juppore Dharmsalla	0.23	0°18	0.11	0°19 0°17 1°53	3.58		0.02	5 2 1 2 2	3°74 2°95 0°33 1°28 2°72	7:42 6:24 4:26 8:45 5:93	3°12 2°65 4°70 4°65 5°29	7.25 5.59 2.08 2.52 5.18	75
	Balasore	Chandbali Bhuddruck Sorah Balasore Jellasore	0 04 1.85		0.43	0.40	2:04 0:48 0:10	0°48 0°08		2 1 1 2 3	2:08 1:85 0:48 0:56 1:02	8:00 6:95 6:32 4:33	5.03 5.64 5.16 5.21 3.86	5·28 3·09 1·79 1·79	
BREGAL.	Midnapure	Contai Saugor Islaud Tumlook Midnapore Ghattal Devog	1:31		0.02	0.03 0.40 	0.28	0.20		1 2 1 1 1 1 1 1 1 1	0.53 0.42 0.50 1.31 0.55 0.40	7'06 4'32 3'95 8'00 7'51 8'.6 5'7, 6'25	5°52 5°59 5°96 5°61 5°77 6°23	1.03 0.09 1.50 2.40 1.68 1.2	
*	z-Pergunnah	Heria Bhagwanpore Garbela Diamond Harbour Canning Town		0.08	0.90	0.16		0.12		2 3 1	0.41 0.52	6.25 10.56 7.54 6.95 8.51 7.79	6 03	2'00 5'40 5'98 1'79 4'51	
	Howrab	Alipore Jail Barrackpore Dum-Dum Baraset Buseerhat Howrah	0.41	1°44 2°15			0.06	1.34	0.70	Nil Nil N l 2 4	Nil Nil 2:78 8:32	6:11 7:42 7:95 12:30	7·18 6·81 6·79 7·42 7·79	1 96 3 n4 2 98 5 27 7 66	
		(Ooloberiah.) Serampore	0.14							Nil 1	Nil 0.14	7.54 6.27	7 26 6 47	2°20 3°30	
	Hooghly	Hooghly Jehanabad Culna	0.08	0°17 0°37				C.33		1 1 2	0.33 0.17 0.43	9°21 4°63 10°69	6:77 5:62 5:83	5'49 2'03 3'15	
	Bankoora	Burdwan Cutwa Mankur Raneegunge Bankoora	0.20	0.01	0.40	0.34			******	Nil	0°32 N·1 0°34 0°71	8 09 11:30 5:74 3:52	5.09 5.58 1 3.53	3°50 5°51 3°13 2°41	
	Datitoria	Bishenpore Maliara Khatra Indas Kota:pore Anda Gangajalghati	0°24 0°38 0°09	1'00 2'33 0'41 0'90	0.21	0.09		0.06 0.20 0.42		2 1 2 4 Nil	2:55 2:33 0:30 1:08 2:38 Nil	5·10 8·01 5·40 4·42 9·06 4·72	5°30 7°16 4°34 4°19 9	4:40 6:42 3:21 8:94 5:82 2:65	
4	Heerbhoum	Raipore Sonamukhi Bh. Soory Hetampore Rampore Haut	1.22 0.03	0.65	0°76 0°36 0°01	1.46 2.07	0.59			2 5 3 2	1.74 4.38 2.46 0.25	7·71 7·26 4·35	9 9 4:10 3:95	673 5.61 4.06	Ĺ
	Nuddes	Banaghat Kishnaghur Chooadanga Meherpore	2.91 0.48	0.32	0.09 3.45 1.66 2.50	0.46	0.30	0.06	******	3 2 2 2 2 2 3	0.79 3.85 2.08 0.11 4.47 3.18	4.82 8.55 9.40 8.20 15.97 11.00	6:34 6:79 8:88 6:22	3.31 7.05 2.32 1.33 9.08 7.98	
	Khoolma	Satkira Bagirhat Khooma	0.03	0.20		0°12 0°39			0°01 0°55	3 4 1 2	0°36 0°55 0 46	9:43 6:14 10:64	7-22 8 10 7-46	7°19 3°34 2°91 3°81	
	Jossoro	Narail Jessore Jhemdah Magoorah Bougong	0°18 0°09 2°05 0°41	0°84 0°18 0°71	0°06 0°26 0°54	0.06		0.51	1.58 0.02 0.02	2 4 2 5	1.46 1.20 0.11 3.84	11'40 8'48 15'81 23'08	8°13 9°03 7°47 8°54 7°19	4°83 2°76 9°88 14°36	
	Moorshedabad	Kandi Berhampore Lalbagh Azimgunge Jungipore Lalgolah	0°51 0°70 0°44	0 30 0 87 0 65 1 60 1 60 1 85	0.22	0.02		0.55 0.32 0.10		2 3 2 4 1	0°52 1°78 1°85 2°69 1°00 2°05	5°23 5°68 4°78 5°49 5°36 5°89	5.35 6.31 6.47 5.93 5.29 6.37	2 92 3 90 5 84 5 13 5 47 4 45	
BAST BENGAL	Chittagong	Cox's Bazar Chittagong Kutubdia Satkanya		0.00	0.80 0.80	1*22	1.01	4.13 14.01	0-25	8	7:51	148	14.13 12.19 ? ?	11'08	
	Hill Tracts.	Rangamati Ruma Patuakhally	0.38	0°87 0°25	0°25 0°07	0°04 0°15	ບ•ນ5	6.02	0°98 0°07	5 7	8°16 6°27	16.89	13.01	10°86	
		Perozepore Burrisai Bhoia	0.74 0.58 0.16	0.56 0.07 0.05	0.02 1.74 0.32	0.05 0.46	0°27 0°08 0°12	0.10	1:43 0:72 0:02	5 0 7	3·02 4·14 1 53	14 13 11 89 9 66	8:26 9:37 10:64	5°66 5°33	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th of June 1886-contd.

						RAINFAI	L.	4.	P.	To	TAL.				
			29th	30th	Sist	90) F-1	1	Srd	qtp.	Jo .) o	Total rain-	Average total rain-	Total rain-	Average
ogical	District.	Station.	Saturday, 2 May.	Sunday, 30 May.	Monday, S May.	Tuesday, June,	Wednesday,	Thursday, June.	Friday,	Number o	Rainfall week.	fall since lst of May.	fall from 1st of May.	fall since 15th May 1886.	from 15t May 1886 to date,
NGAL		Gournaddi Bauphal	0.77 1.83	0.65	0.11	0.05 4.15	0.13						. 9		* ;
	voakholly	Noakholly Fenny Har is por e	0.05	0.32	0.20	1'00	0°24 0°26 0°34	1:39 1:36 6:10	4'44 1'26	5 3	7·12 2·88	17.12 11.68	12.86 15.68	# 9:98 5:95	7·9 9·5
0	Furresdpore	(Sondip), Ramganj Madaripore Furreedpore Goalundo	0°57 0°12 0°15	0°11 0°45 0°25	0.58	0.66 0.15 0.12	0°27 0°08	4.02 1.00 0.44 0.35	1.96	5 5 4 5	6.59 1.79 1.16 1.02	18/34 8/56 16/29 14/35	9 11°35 10°32 8′81	13.07 3.70 8.90 7.30	6-2 6-7
	Daces	Munshigunge Dacca Naraingunge Manickgunge Joydebpore	0°35 0°46 0°39 0°03	0.03	1·16 0·94 0·47 0·07 0·06	0°31 0°04 0°07 0°38 0°50	0.37	0°52 0°55 0°46 0°15 4°68	0.10	5 4 7 4 6	2:47 1:88 1:72 0:99 5:30	13:26 8:21 11:51 10:41 11:34	11'46' 10'83 9'95 10'22	7*81 3*87 6:94 7:07 7:92	5.0 6.3 6.0 2.8 5.1
	Hill Tipperah Tipperah	Agartola Comilla Chandpore Brahmunberia Ramchandra- pora	1.75 0.72 0.90	6.20	0°80 0°15	0°50 0°27	0.32	0°44 1°65	0.68	4 1 4	2.95 0.44 4.00	13:38 13:04 14:05	12-77 13:00 12:43 12:64	5.65 5.73 7.05	6.6 7.2 6.1 7.0 7
		Nasirnagar Daudkandi Kasba Laksham	0.03	0.09	0.68	0°11 	0.11	0.26 0.08 0.08	0.10 0.26	4 3	1°20 1°82	14:43 8:57	9 9 9	5°88 3°68	? ? ? ?
	Mymansingh	Kishoregunge Atia (Tangail) Mymensingh Jamslpore Netrokona Subornakhally	0.73 0.95 0.50 0.60	0.25 0.30 2.15	0°22 0°41 0°15 0°60 0°50 0°69	0°16 0°43 0°50 1°23 1°35 1°02		0.47	0.01	3 5 4 4	1.11 1.06 1.86 2.60 2.40 4.46	8.62 6.39 10.27 8.70 12.63 8.95	12.79 8.47 13.61 10.78 12.32	4.74 2.59 4.46 5.76 5.55 7.17	7°11°4°35°8°61°6°06°6°06°7
INGAI.	Pubna	Durgapore Dewanganj Pubna	0.68	2°20 0 65	3.94	1.33	0.22	0.72	0.12	7	9.59	15·47 8·17	8.66	12.83	5'11 5'11
	Rogra	Sherpore Nowkhilla Bogra	0°13	1.65 2.20 0.90	0.53 1.30 0.13	0.30	0°04 0°03 0°48	0.55	0.57	5 2 4 5	2°30 2°20 5°95 2°53	7:18 8:20 10:84 9:76	8°46 10°19 8°13 9°61	5.78 7.72 8.43 6.98	5·1 6·2 4·6 5·8
	Kajwhahye	Panchbibi Beauleah Nattore Nowgong Lalpore Manda	1.07	1'20 0'75 3'00 2'52 0'52	0.12			0.09		2 3 1 2 2	4.85 2.36 0.75 3.15 2.90 0.52	6.72 7.16 8.33 9.54 6.50	6°80 8°04 9	9'34 4'76 4 61 6'39 6'39 3'83	5.4 4.3 4.5 ?
	Maldab	Maldah Chanchal Gajol Sibganj	0.27	0.07 1.20 1.95	1.50	0'45		0.04		1 1 1	2°26 0°07 1°20 1°95	4.65 3.19 3.41 7.30	4·24 5 67	3°31 2°88 2°61 5°67	2.2 2.6 5.6
	Dinagapore	Mohadebpore Churamon Raigunge Dinagepore Baloorghat	0.69	2.00 0.45 2.48 2.24	1.09	0.06				Nil 4	2:00 0:50 Nil 4:32 2:38	7°31 4°44 5°92 15°93 7°86	9:31 5:43 7:27 7:80 4:82	4'67 8'70 5'51 14'90 5'96	6°31 3°44 4°37 5°44 3°63
4	Kungpore	Bhawanigunge (Gyabanda). Rungpore Kurigram Bagdogra	1'80 1'84 2'21	1°87 4°60 2°91 1°59	1.46 0.66 0.51	0*04	0.13	0.35		4 3 3 3	3°31 7°10 4°96 4°66	13.52 13.21 20.86 16.34	10°13 11°87 15°99 11°82	11'14' 11'41' 12'62 13'70	8°50 10°83 8°41
1	Julpigoree	(Nilphamari.) Ulipore Julpigoree Alipore Doar	0.22 0.44 0.30	2.25	2.01	013	1.64 1.23	0.15	0°42 1°30	3 4	4.81 2.62 3.50	19.76 12.19 15.65	9 14:17	15'86 8'91 9'02	9°80 P.
	Cooch Behar	Fallacatta Debigang Dinhatta Cooch Behar Mickligunge Matabhanga	0°04 2°52 0°72 1°84 0°25 2°28	0.49 0.65 0.59 0.10 2.32 0.08	0.22 0.11 0.64 0.52	0°08 0°05 0°13 0°20	2.00 0.52 0.00	0°35 0°83 0°91 2°22 0°64 1°08	0°70 0°10 0°26 0°01	6 4 6 5 7 6	4.13 4.08 2.63 4.40 4.07 3.71	16'43 P 10'16 13'82 13'26 11'19	P P 18'80 18'30 14'49 16'74	10°47 ? 5°02 7°72 8°37 6°83	P 14:17 12:40 10:48 12:49
	Darjeeling Bill.	Buxa Silliguri Darjeeling Kahmpong	0.09	0.15 0.18 0.18	0°15 0°49	4.20 0.28 1.60	0.07 0.31 0.50 0.08	0°22 0°28 0°01	0.41 1.82	4 6 6 3	0°76 6°37 1°85 1°75	16.83 14.38 10.07 7.08	23.55 7.01 9.45 7.01	9°33 18'04 5'60 2'67	17°03 4°46 5°25 3°05
BHAR	a. Head	Kissengunge Arrareah Purneah Gondwara Balarampore Matiari Kaliaganj	0'48 1'19 0'20 0'60	1.04 1.14 4.80		0°34 0°38	0.18	0.33		9 2 1 1 2 2	1.52 2.33 0.18 0.34 0.58 4.90	8:28 7:91 2:53 2:46 1:92 11:79	6.01 5.83 4.29 9	7'46 6'55 2'14 2'46 1'88' 9'76	3.65 3.24 2.67 P
	North Bhagul-	Maddapore Soopool Protabganj	1.76	0°06 5°70	0.60	0.50	0.20			2 2 2	0.86 5.80 2.56	3·19 9·14 6·48	4.05 3.88 5	2°58 7°80 4°92	2·20 2·07 7
	Ourbhunga	Tajpore Durbhunga Madhubani Bahera Roshera	0.38	===		1.07				Nil Nil Nil	1'45 Nil Nil 0'52	3:17 4:01 2:20 1:87	2.08 3.50 5	2:35 2:20 0:75 6:62	1'08 1'44 2'01 F
	Mosufferpore	Sitamarhi Mozufferpore Hajipore Paru Mahua	1.60 1.55 0.28		0'18	0.12				Nil 1 1 1	1'73 1'72 Nil 0'12 0'28	4*20 4*09 1*95 0*76 1*98 3*40	2'95 2'73 1'50 9	3°11 8 89 0°77 0°61 1°08	1.65 1.31 0.73 0.73
	Chumparun	Sinhar Pupri Motinari Bettish Bagaha Burhurwa	0°10 0°13 1°09 1°90 0°20	0.60		0.80	0°86 0°16 0°65 0°25			2 1 3 1 3 2	0°40 0°13 2°25 0°16 8°15 0°45	5°44 5°36 4°89 10°09 2°50	2.88 3.48 5	1.10 3.86 3.65 • 2.41 7.86 1.61	1'83 1'66

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th June 1886-concld.

			W.	19	R	AINFALL	4.	V		Тот	A.L.				-
Meteorological division.	District.	Station.	Naturday, 29th May.	May. 30th	May, 31s.	June.	Yednesday, 2nd June.	Thursday, 3rd June.	June.	Number of rainy days.	Rainfall of week.	Total rainfall since 1st of May,	Average total rain- fall from lst of May.	Total rain- fall since 15th May 1886.	fr N
	***	a de	Z Z	22	Mon	Ju	2m	Ju	Frid	n N	Rai				
NORTH BEHAR -continued.	Sarun	Gopalgunge Sewan	0.23 0.81							1	0.23	3.28	2.98	2.84	-
SOUTH BRHAD	Shahabad	Chuprah	1.28	******	*****	******	******			1	0.81 1.28	2·78 3·50	1'93 1'24	1'57 1'75	1
	January II	Dehree	0.25	******	******	0.04	*****	******		Nil 2	0.55 Nil	0.82	0.80	0.57	
4		Sasseram				0.20				1	0.20	2.36	1'14	0°30 1°96	
		Arran	******	*****	*****	0.50	*****			Nit	0.50 Nil	0.76 1.22	1'45	0.78	T
	Ton to	Mohania	*****							Nil	Nil	Nil	9	Nil *	M
	Gya	Aurungabad	0.97							1	0.97	1.28	1'49	1000	
		Gya Nowadah	0.30			0.61				î	0.61	2.14	1.61	1°28 2°14	1
		Jehansbad	0.26			******	***			1	0.30	3'01	2.13	2.92	1
		Arwal Daudnagar		******	111111	***	******			Nil	Nil	2.78		0.88	1
		Sherghati	9.20	******	******	1,00	******			1	1.00 0.20	1:40		1:40	-
11.10		Rajauli Pakri Barawan	1'00		*****			***		1	1.00	5.30 5.20	P	0.20 2.30	-
			1.50			******				1	1.20	2.20	9.	1.20	-
	Patna	Patna	0.30							1	0.30	1.23	1'89	0.78	-
		Dinapore Behar	0.70	******						1	0.70	1.65	1'36	0.98	
		Barrn		******			0.04	ø		2 1	0.10	1.42 2.10	2°44 2°28	1'29 1'70	-
	Monghyr	Begooserai		1			0.00								8
		Monghyr	*****	***		0.59				1 1	0.09	1.40 3.44	2°23 2°19	1'34	8
		Gogri			******	0.67				1	0.67	2.75	2.23	2.78	器
		Shoikpura	1.00			6.46			******	1 1	1:00	1.07 3.68	2	1.07	膃
	South Bhagul- pore.	Ronne	1'81	1.11		0.16		0.40		3	1.67	8.55	2.23	3.65 2.64	闘
	porti	Kolgong	1 01			0.34	0.78			2 2	2*15	6.50	2.22	5'24	200
	Nonthal Per-	Daimainst	0.25				0.76	0.13	******	2	0.90	2.56	P	2.26	
	gunrahs.	Godda	0.79	*****			0.02			201	0.02	5.87	4.21	3.59	
4		Pakour		*****	0.28		0.02			Nil 2	Nil 0 63	5'58 7'00	2.91	4'20 6'24	
		Nya Doomka Deognur	0°25 2°82	0.03			0.43			8	0.71	4'21	3:47	1'86	
	3	Jamuara	******	******		0'94	*****	******		1	2.82 0.94	5.02	3.51	3.62	
		Simra	1.00		0.03	0.24	*****			1	0.24	5.00	. 7	4'19	
			* 00	*****	0 03				******	2	1.03	6.11	9	5'84	
CEUTIA NAG-	Hazaribagh	Pachamba		******	******	0.15				1	0.15	2.72	2'84	2.70	
		Hazaribagh	6.16	0.18		0.56		}		3	0.80	8100	2.67	0.01	
		semuaguran	0.18							1	0.1	3.98 2.73	3 30	3.01 5.63	
		Jhoomrah Hills								N			2'56		
		Barhi	0.78		****	******				Nii	Nil 0.78	2.40	2.84	2°40 2°01	
		Chatra Karagdeha	******			0.11	.,.,,	*****		Nil	Nil	2.12	9	1.93	
	+	Kamghar	0.10	******		0.71				1 2	0.81	5.59 5.08		2·06 2·15	
												- 20			
	Lohardugga	Lchardugga	0.08			0.37	0.03			3	0.45	5'41	9	5.27	
		Banchi	0.35	0.20		******				2	0.25	4.40	2.88	2.68	
1		Silli	0'20	0.10			******	******	******	Nil 2	Nil 0'30	2°14 0°47	1.35	2°10 0°37	
		Balumat Hosseinabad			,,,,,,			******		Nil	Nil	Nil	,	Nil	1
		Garwah	******		******	0.25	******			1	0.52	0.20	9	0.47	
7	Singbhoom	Chyebassa	0407												
		Chakradhar-	0.51		0.35	1.95 0.25	0.02	0.27	0.05	3	2.51	7:33	3.02	7:29 4:25	
		pore.					0 02	0.27	0.05	5	1.54	4.69	Υ	1.7	
A 4.00		Buharagura		0.21	0.11					1	0.71	4.73	1	3.28	
	Manbhoom			0 00	711	****	******	******	******		0.91	5'36	1 1	3	
	4	Parulia	1.20			0.41	0.08			2	1.28	4.50	3.86	19	
		Raghunath-	6.78		*****	0.51				1	0°21 0°78	1.68 5.21	2.26		
됐네. 그를 즐겁		pore. Barrabhoom									1000			242	
		Jhalda	0.32			******	******			1	1.18	5.96	9	22	
	West of the second	Chas	0.13	0.18				******		2	0.35	4'46		3.13	
200 A A A A A A A A A A A A A A A A A A	1.753							100	90 B. W. E.	Sec. 1	100		1000		

Explication, -- Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of are wellfine, the corresponding spaces in the total rainfall columns are left blank.

CALLUTTA, the 8th June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 4TH OF

At the close of the week ending May 28th a feeble moist wind current was blowing over Bengal, which was giving rather general and in many cases heavy rain. It was stated in the report for that week that this current could not be considered to represent the commencement of the rains in Bengal, and that such was the case has proved to be true. Rain continued to fall over the greater part of the Province for the first two days of the week, but the rainfall was generally of more or less local character, and it was very irregular in its distribution, though in many cases it was heavy. During this period winds decreased in velocity in Bengal and became very light, though strong winds continued to blow in the centre and south of the Bay, showing that another advance of monsoon winds was taking place up the Bay. On Monday, the 31st of May, it became evident that a slight barometric depression had formed in front of the advancing monsoon winds, and on this day the depression was probably off the Akyab coast, and it was giving heavy rain to that station. On Tuesday, the 1st of June, the feeble depression was reaching South Bengal, the centre being between Saugor Island and Chittagong, but the fall of the barometer accompanying it was small, only amounting to about a tenth of an inch. The depression was still giving heavy rain to the stations on the east coast, and Akyab this day reported the excessive amount of 5.69 inches. The depression was accompanied by the usual cyclonic circulation of winds, but at all stations the wind force was small. On Wednesday, the 2nd instant, the feeble depression was still over the head of the Bay, though it had advanced slowly in a northerly direction, and its centre was not far from Burrisal. On Thursday, the 4th, it had again advanced slowly, and it began rapidly to fill up, though it still seemed to exist in a feeble form in Central Bengal, but with its advance an extraordinarily heavy rainfall occurred over parts of South-East Bengal. The rainfall appears to have been heaviest at Chittagong, and at this station from 4 P.M. of the 3rd to 10 A.M. of the 4th, or during only 18 hours, no less than 14 69 inches of rain were recorded. Other stations also received rather heavy rain, but up to the present this is the largest fall recorded. On the following day, Friday, the 5th, the depression had quite filled up and disappeared, though the rather strong monsoon winds which followed in the rear of the depression continued to give heavy rainfall, and thus on the morning of this day at Chittagong a further fall of 5.04 inches of rain was recorded. The winds which accompanied this feeble storm were particularly light, though as stated before in its rear a rather strong monsoon followed, but this did not advance very far inland, and in fact it died away to a great extent shortly after the disappearance of the depression. It is always difficult to say the exact date when the rains break in any part of Bengal on account usually of their gradual incidence, but this burst of rain may probably be taken to represent the first advance of the monsoon over the southern part of South-East Bengal.

Pressure .- During the week has been decidedly below the normal, and the variations from day to day have, to a great extent in the latter half of the week, been dependent on the movement of the depression just described. Compared with the normal, the pressure for the week over the whole province has been 0.048" in defect. For the previous week pressure was 0.062" in excess, so there has therefore been a general and rather rapid diminution of

pressure during the week under review.

Temperature-Has, for the greater part of the week, and at the majority of stations, been below the normal, and the mean temperature for the whole week for the whole province shows a defect of 1.6°. In the previous week the defect equalled 1.7°, so there has been no practical change in this respect. Again, as in the previous week, the defects are largest in

Chutia Nagpur and Orissa, where they are 3.5° and 2.6° respectively.

Rain-Has fallen in all districts during the week, and though in many parts rather local, the general fall has been fully equal to the normal, while at some of the stations in South-East Bengal, as mentioned previously, the rainfall has been exceptionally heavy. The rainfall has been largest in East Bengal, where it averages 3.40 inches, the normal fall for the period being 2.84 inches. This district has therefore received a fall considerably in excess. North Bengal has recorded an average fall of 2.90 inches against the normal 2.51 inches, and has therefore also received an excess fall. North Behar reports 1.31 inches against the normal 0.63 inch, and in this district therefore the fall has been more than twice as large as usual. South-West Bengal has received 1.09 inches, which is only about two-thirds the normal fall of 1.43 inches. Orissa has received 1.30 inches, the normal fall being 1.13 inches, and has thus received practically a normal fall. Finally in South Behar the actual fall has been 0.68 inch, the normal being 0.52 inch, and Chutia Nagpur has received 0 59 inch against 0.75 inch, and both of these districts have therefore received falls about equal to the normal.

As stated previously, some particularly heavy falls of rain have occurred during the week, the heaviest falls generally being reported on the 3rd and 4th. Thus, in addition to those previously recorded on the 3rd instant, Rungamati (Chittagong Hills) reported 6.02 inches, Harishpur (Noakhally district) 6.1 inches, Joydebpur (Dacca district) 4.68 inches, and Cox's Bazar 4.13 inches, and on the 4th instant Noakhally reported 4.44 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 4th of June 1886:—

	25		1		EMPE	RATUR	ь.		*	1			CAINP	ALL.			5.6%	
		ij.	с жеек.	week.	Avera	gesfor	week.	above or week.	0	of week	k.	Re	iny da	ys.	Sine	e 1st	Since	
HEXEGROL DIVISIO		AL	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below normalmean of	Average.	Normal average.	Variation.	Average number in week.	Normal average num- ber in week,	Variation.	Average.	Normal average.	Average.	Normal average.
) c1888			102.9	75.8	98*4	79.4	86.4	-1'4	1.80	1.13	+0.12	1.9	1.8	+0.1	£:58	4.30	3.20	2.20
South-West Beng	s.)		104.0	74.6	94'4	80.0	87.2	-0.5	1.00	1.43	-0.34	2.0	2.3	-0.3	8.08	6.09	4.10	3:52
East Bengal	***	***	92.8	71.4	86.8	76.7	81.7	-1.3	3.40	2.84	+0.26	4.2	3.3	+1.2	12.83	11.61	7'46	6.63
North Bengal		***	97.4	70.6	89.4	76.1	82.8	-	2.50	2.21	+0.39	8.8	2.6	+0.7	10.16	10.22	7.48	6.86
orth Benar	***	***	104.2	68.8	95.4*	77.5*	86.2*	-0.7*	1.31	0.63	+0.68	1'4	1.0	+0.4	4.69	3.51	3.50	1.77
outh Benar	•••	***	106.6	73.0	97.6	79.3	88.2	-2.6	0.68	0.25	+0.16	1.3	1.0	+0.3	3.05	2'34	2.32	1.20
Chutia Nagpur	***		98.24	71.7†	93.24	74.5†	84'0†	-3.24	0.25	0.75	-0.16	1.0	1.6	-0.6	3.10	2.88	2.84	1'62

^{*} Purneah not included. † Chychassa not included.

MRTEOROLOGICAY, OFFICE, BENGAL;

ALEXANDER PEDLEE,

The 9th June 1886.

Offg. Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of May 1886.

	[[[양화 기가 집에서 시간을 됐다면서 그는 말이 되는 것이다.	inches,	Date.	Hour.
	The mean pressure of the month	29:699		
	The average pressure of May from 24 years' registers	29.656		
	The highest pressure in the month	29.848	21st	10h.
	The lowest pressure in the month	29.511	31st	16h.
	The range of pressure	0.337		
	(D) - total	Hours.		
	The total number of hours of bright sunshine during the month			
	The maximum possible number of hours of sunshine	408.3		
	The many temperature of the month	Θ		
	The mean temperature of the month The average temperature of May from 24 years' registers	84.8		
	The highest temperature in the mouth	86.1	141	
	The lawest temperature in the month	100.5 11		
	The man of temporary during the month	68.4 18	otn	,
	Mile was deile was of town	32.1		
1	(D)	16.7	041.	
	The greatest range of temperature in one day	22.3	8th	
		Per cent		
	The mean humidity of the month	. 77		
	The average bumidity of May from 24 years' registers	73		
		Inches		
	The mean vapour tension of the month			
	The second secon	0.904	,	
	miles and allowed and allowed the second	0.933 4.06		
	The average cloud proportion of May from 9 years' registers			
	The average cloud proportion of May from 9 years registers	4.53 Inches.		
	The total rainfall of the month	7.93		
	The total rainfall indicated by a Beckley's self-registering rain-			
	gauge (mouth of the gauge about 52 feet above the ground)	7.60		
	The average fall of May from 48 years' registers	5.40		
	The greatest fall in 24 hours	4.53	12th	
		Days.		
	The number of rainy days in the month	13		
	The average number of rainy days in May from 24 years'			
	registers	13		
		Θ		
	The mean maximum equilibrium temperature of solar radiation	0		
		152.2		
	The mean difference of sun and air temperatures	58.7		
			22nd	
	The greatest excess of sun over air temperature		26th	
	The mean temperature of the nocturnal radiation thermometer			
	on woollen cloth	72.4		
	The mean depression of the nocturnal radiation thermometer			
	below the minimum air temperature at 4 feet above the			
	ground	4.5		
	The greatest depression of the nocturnal radiation thermometer			
	below the minimum air temperature	9.0	9th	100
		Miles.		
	The same of the wind you day	140·9		
		390.0	5th	
	The greatest movement of the wind in one day The greatest movement of the wind in one hour	23.0	3rd 2 to	9 n
	The greatest movement of the wind in one hour The number of hours with winds from each of the 8 points—	~0 0	Jiu & 10	O P.M.
	the number of hours with winds from each of the o points—			

N. 25, NE. 17, E. 66, SE. 144, S. 262, SW. 166, W. 14, NW. 5, Calm 55.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of former years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore 003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0°.5 higher; and, finally, the thermometer, which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

A. PEDLER,

METROROLOGICAL OFFICE, INDIA; Calcutta, the 7th June 1886.

For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 30th May to 5th June 1886.

			bright	deter	3 h 7	MMPER	TURB.	*	1	HYGRON	ETRY.	1-3	WIND.			
Mouth.	Date.	Maximum in cun.	Number of hours of hears of hearthine,	Mean pressure barometer at 32 Fabr.	Mean.	Maximum.	Range,	Minimum.	Mean wet bulb.	Vapour tension.	Dew point,	Humičity.	Prevailing direction.	Miles recored	Rain.	WEATHE
		0		Inches.	0	0		0	0	Inches	0	°/e			Inches.	
May	30th	154:3	8.8	26.626	86.7	92.2	12.5	79.7	80.8	0.973	78.4	77	S and SSE	123	Not measures able,	Chiefly cloud
*,	31st	150.2	8.8	.280	86.9	93.7	13.9	79.8	80.7	.967	78.2	77	SE by S and SSE	90	Nil *	Chiefly cloudy
une	Íst	156.5	2.9	. 500	86.3	93.9	12.9	80.0	80.9	•983	78.7	79	ESE, ENE and WSW	77	****	Chiefly clou
99	2nd	140.0	Nil	·498	86.6	93.5	13.8	79.7	80.8	978	78.5	78	NW and SSW	93	0.01	Chiefly cloud
,*	3rd	152 0	7.0	.216	88.8	99-2	20.2	79.0	81;5	'981	78.7	73	SW by S and WSW	129	Nil	Chiefly cloud
97	4th	158.5	7.2	498	90.R	99.7	17.1	82.6	82.6	1.008	79.5	72	SW, WSW and SSW	178		Partially cloud
22	5th	158·8	3.2	*544	87.6	98.2	15.6	82.6	80.1	0 927	76.9	71	SSW and SSE	164	"	Chiefly cloud

		Inches	
The mean pressure of the seven days		29.537	
The average pressure of the corresponding period for 24 years, S. G.'s Of	hce	29.582	
		Hours,	
		39.0	
The maximum possible number of hours of sunshine	••	93.7	
		0	
The mean temperature of the seven days		87.6	
The average temperature of the corresponding period for 24 years, S. G.'s		86 6	
(II) a server was to be to the parature		20.7	
m)		99.7	
		Miles.	
The highest velocity of the wind in one hour		13	
		lbs.	
The highest pressure of wind on one square foot		2	į,
The nighest pressure of with on one square foot		•,	à
			1
The mean relative humidity		75	
The average relative humidity of the corresponding period for 24 years, S.	G.'s Office	76	
		Inches.	
The total fall of rain from 30th May to 5th June 1886		0.01	
The average fall of the corresponding period for 24 years, S. G.'s Office	••	1.58	
The total fall from 1st January to 5th June 1886		11.57	
The average fall of the corresponding period for 24 years, S. G.'s Office		10 77	
		STANSVA ST	

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four the above the ground.

above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables commuted in Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, d drizzling rain, t thunder, \oplus solar corona.

A. Pedler, For Meteorological Reporter to the Govt. of India. Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of May 1886.

The highest temperature during the month The lowest temperature during the month The range of temperature during the month The mean daily range of temperature during the month The greatest range of temperature in one day during the month The mean humidity during the month The mean vapour tension during the month The greatest fall in 24 hours The number of rainy days in the month n the number of rainy days in the month in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rainy days in the number of rai	The mean temperature during the month				9 84∙0	Date.	
The mean humidity during the month 76 Inches. The mean vapour tension during the month 8.92 The total rainfall of the month 8.18 The greatest fall in 24 hours 4.52 12th. Days.	The lowest temperature during the month The range of temperature during the month The mean daily range of temperature during	the month		:::	68·9 33·1 17·9	13th	
The mean vapour tension during the month 8.92 The total rainfall of the month 8.18 The greatest fall in 24 hours 4.52 12th.	The mean humidity during the month		•••	***	76		
	The total rainfall of the month The greatest fall in 24 hours	•••		•••	8.92 8.18 4.52 Days.	12th	

A. PEDLER, For Meteorological Reporter to the Govt. of India.

MATEOROLOGICAL OFFICE, INDIA; Calcutta, the 7th June 1886.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 30th May to 5th June 1886.

					ТЕМРЕТ	ATURE.			Н	GROMETRY		÷,
MONTB		Date.		Mean,	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Rain,
1886				0	0	0	0	0	inches.	0	9/	Inches
May June		30th 31st 1st 2nd 3rd 4th 5th		85.9 86.6 84.4 85.1 88.5 90.9 88.3	94.6 95.5 95.0 93.6 100.0 100.0 99.0	14·3 15·2 14·6 13·6 20·0 16·3 15·4	80·3 80·3 80·4 80·0 80·0 83·7 83·6	80·8 81·1 80·8 81·5 81·4 81·1 82·3	984 989 1-004 1-030 967 -927 1-024	78 7 78 9 79 4 80 1 78 2 76 9 79 9	80 78 85 85 73 64 76	Nil.
T	he ex	treme	va	riation o	f tempera			•••			87·1 20·0	
T	he m	aximu ean re	lati	ve humi	dity	,					100·0 °/ 77 Ins. Nil.	

The total fall of rain from 30th May to 5th June 1886 ... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

A. PEDLER,

For Meteorological Reporter to the Govt. of India.

Calcutta, the 7th June 1886.

MEMORANDUM.

THE returns of the principal Municipalities in Bengal for the week ending 22nd May 1886 disclose the following results :-

1. That births and deaths were recorded in these Municipalities at the rates respectively of 15·2 and 20·3 per 1,000 of population as opposed to 16·4 and 22·3 per 1,000 in the preceding week ending 15th May, indicating a reduction in the registration of both events.

2. That these events were returned in the highest proportions from the following

Municipalities :-

	Birt	hs.	1	Ratio per		Deaths		Ratio per mille.				
Beauleah		***		42.0	Beauleah				57.8			
Serampore				31.4	Comillah			***	38.6			
Bhagulpore	•••	***	***	29.0	Puri			***	33.6			
					Gya	•••	•••	***	32.9			
					Bhagulpore		***	***	32.6			
					Serampore		•••	***	31.4			

3. That in comparison with the results of the preceding week there was a diminution of mortality from bowel-complaints, but no noticeable differences in the casualty rates from the rest of the diseases: vide figures given below:-

						Rat	io per mille duri	ng the weeks ending-
						22n	d May 1886.	15th May 1886.
Cholera							1.6	1.9
Small-pox					• • • •	• • • •	.03	1
Fever	• • • •	***	•••	***	•••		9.4	9.5
Bowel-complaints Injury		•••	***		•••	•••	$\frac{2\cdot 9}{\cdot 4}$	4.1
Other causes		•••	***	•••			6.0	6.3
O Microadson	***				•••			

4. That the highest death-rates from cholera, fever and the maladies classed under the head of "Other causes" were returned from the following Municipalities, the rest of the diseases not proving noticeably fatal anywhere:—

	Cholera.		Fever.		Other causes.		
		Ratio per mille.		Ratio per mille.			tio per mille.
Beauleah Puri Suburbs of Ca Dacca	alcutta .	31·5 12·6 2·7 2·6	Comillah Beauleah Purneah Serampore	27·0 26·3 20·7 17·7	Kishnaghur Puri Bhagulpore	:::	15·1 14·7 14·5

5. That the death-rates under the heads of Sex, Class and Age stand as noted below:-

According to Sex.	Accoraing	g to Clas	8.		Accord	ing to	Age		
Ratio per mille.			atio per mille.				F	Ratio per mille.	
Males 20.6 Females 20.0 Ratio of male deaths to every 100 female deaths. 117	Christians Hindus Mahomedans Other classes	::	17·4 21·3 18·3 36·4	5 10 15 20 30 40 50	1 year under 5 10 15 20 30 40 50 60 60 60	;; ;; ;; ;;		161·2 34·6 8·3 10·0 18·3 12·5 10·2 14·3 24·6 47·2	

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 7th June 1886.

			Ratio of male deaths to every 100 female deaths.	F	250	8	166	-	125	20	101	232	male deaths.	-	male deaths.	100	nale deaths.	155	150	100	4	191	g :	3	500	167	89	125	118	100	830	117
			Rat deati 100 fen										No fen		No ms		No female															
	Sex	PER OF LA- PER UM.	Females.	13.4	6.3	13.3	25.1	1	0.11	14.9	81.6	14.6	1	1	9.57	\$.59	1	12.2	0.15	28-7	0.89	18.0	34.4	9.11	1.0	11.5	5.7	6,68	14.8	31.7	27.00	0.00
		RATIO P 1,000 O POPULA TION PH	Males,	14.4	12.8	8.1	\$8.4	1	8.6	9.9	0.88	35.3	12.9	1	1	53.1	10.3	17.0	20.2	12.6	1.61	\$0.4	31.5	2.0	13.0	17.9	4.0	35.1	16.6	9.78	43.3	90.4
		HS,	Fernales.	4	91	10	9	1	90	93	99	4	-	1	60	11	1	6	69	*	-	88	13	NO.	00	4	62	16	60)	•	20	999
		DEATHS	Males.	10	10	89	10	:	10	1	65	ø.	-	1	1	11	1	14	100	**	60	46	20	93	9	11	04	90	6	•	=	090
_		THE COUNTRY	Hatio of deaths per a req nonintion per a the previous week	32.0	12.4	80 81	9.12	1.6	2.55	14.0	0.65	95.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50	i	1.7	18.3	81.8	6.2	17.5	0.68	1.6	30.8	2.88	9.93	0.9	9.91	25.0	20,2	181	2	5.98	38.0	0.00
NG TO		p	All causes.	18.3	10.8	10-7	\$1.18	:	10.3	10.2	26.7	9.18	6.9	1	18.3	8.12	6.2	14.9	20.1	18.8	38.6	54.0	6.58	8.8	6.01	14.3	4.6	32.6	15.4	27.7	33.6	923.0
ACCORDING		TON PER	Other causes.	4.6	6.5	1.3	1.41	1	1.7	1	4.8	151	1	1	,	1	:	6.5	4.1	1		2	9.6	4.6	7.5	10	1.0	14.5	2.5	9.9	14.7	77.7
	BIRTHS. Disease.	PULLAT	- Canfur	1	1	;	,	***	:	. 1	9.	1		1	6.1	1	ī	;	1	9.6	1	:	1.7	1	1.5	1	1	6.	φ	1	1	
ALITY		OF POI	Bowel-complaints.	3.0	1.0	1.3	128	:	1.1	0.2	2.3	1.6	*	f	:	:	:	1.3	i	1	9.11	67	2.3	1	4. 2	1.2	1	92	9.6	9.9	1.01	
MORTALITY	Disease.	PRE 1,000 OF POPULATION ANNUM.	Ferers.	10.7	3.1	8.0	6.9	:	8.9	10.00	8.11	9.9	0.9	,	6.1	26.3	8.2	89	13.4	16.8	9.45	0.11	16.1	8.8	6.9	1.1	3.0	6.6	8.1	2.05	7.7	
A			Small-pox.	-1	i	14	;			1	:	.1		:	1	:	:	9.	:	1	1	;	;	i		11	-	1	1	1	1	
	isease	RATIO	Oholera.	. 1	:	:	:		9	1:	2.2	1.9		:	6.1	2.12	ŧ	9.6	4.1	1	i,	00	1	91	;	:	1	1	1	1	12.6	1
	Ð		VII causes.	12	1-	00	16	,	90	60	129	13	-	:	60	21	-	53	ю	œ	10	-1- -2-	48	10	6	18	0	36	17	œ	16	1
			Other diseases.	60	+	1	6		65		38	90					1	10	F	!	:	83	1.6	99.	64	7	-	16	85	1	E*	1
		1 2	-Kanful	1	:	-	-		:		00							:	1	-	1	1	94	4	1	1	1	1	1	5	1	or other
		IS PRO	Bowel-complaints.	61	-	-	•			9 01	00	-						.99	1	:	89	16	4	1	91	61	1	8	•	1	1	District Per
		DEATHS FROM	Pevers.	7	91	9	90			1	87		, -	•		10	, ,	9	60	-	-	88	58	*	*	6	•	111	6	9	51	SOUTH LAND
78			Small-pox,	- ;					:	;			:	1	:	,	1 1	1	-	- 1	:	1		1		1			N/G		d	Section In
			Cholera.	i						-		-	•	1		1 61	1	*	1	1	1	1	ī	1					1		9	Garden Fra
		£agag og	Hatio of male births. 10s female births.	100	96	166	198	No. family	births.	900	165	in famala	births.	To famala	births.	066	Vo female	births.	100	150	No female	births.	76	99	200	225	400	146	128	99	200	and the second
		000, 000, 000,	- JatoT	9.5	6.6	10.7	7.18	100	-	10.2	18-9			17		0.57			16.6	11.1	90	13.3	9.73	0.9	7.3	10.5	6.4	0.63	6.83	17.3	12.6	Section 1
	ri.	RATIO PER 1,000 OF POPULATION PER ANNUM.	Pemales.	9.5	7.7	4.0	14.7			0 8	0.0		:	:	:	18.1		10	60	4.7	i	9.9	9.11	3.6	4.3	3.1	1.0			10.4	4.5	3
	IRTH	RATIO OF POI PEK	Males.	9.9	1	1 1	-	-	4 .	9 9	0.1	2 4	17.0	. !		0.00	13.0	11.0	90	7.0	8,0	2.8	10.0	4.9	6.7	1.1	0.8	000		2007.117	4.8	STATE IN
	Я	1	Total	9	4	9	0 9	ar i	-	66	9 1	11	3	;	-	; ;	16	7 6		1 10	-	15	8	ю	9	13	10	628	32	ю	9	CONTRACTOR INC.
		NUMBER OF	Females.	or.	2 4	0 0	0 1		1	14	1	8	1	1	1	: '	0	: "	. 6	91		17	17	60	93	4	-	18	1 1	8	22	STATE OF STREET
		NONB	Minles.	00		1	a i	on.	1	15	91	8#	6	1	1	; ;		9 1		00		24	16	62	•	6	•	19	18	g)	4	DOMESTIC NO.
	N.		.letoT	74 000	34,080	33,560	88,718	26,496	6,510	96,813	14,815	251,439	27,477	8,683	29,687	8,495	19,791	974,7	10 461	99 130	18.506	160,237	76,121	43,465	42,742	960'99	53.249	57,453	57,520	15,016	24.784	STATE SECTION
	ULATIO		Pemales.	16 017		270		-	5000	-	-	Statement				3,665	9,025	Z,021	-	100		13,000	87,831	22,505	19,658				PANTS (1)	Section .		2
	PUP		Malea	10 003		1000	2075	13,559	000000	950	-	-		4,028	13,708	4,830	10,766	6,029	#5,162 7 ROK	18.840	8.153	78,762	38,290	20,960	23.084	12 (2000)	0105	512000			(SSSS)	219
			÷		:	1	ī	ī	1	1	ī	-	1	ı	•	ì	1	i	1			1	1								-	TO POST
			ES.		i /	i	nsurah	1	1	1	1.	nite	ı	ı	1		eab	1	i	1		:	:			1						September 1
			ALIT		i.	: :	nd Chi		1	i	:	of Cale	Jul	1	1	1	Beanl			2))			:	Oraș.							STATE STATE
			PALITIES.		Burdwan	Midnspore	Hughli and Chi	Serambore	Utterpara	Howrah	Bali	Suburbs of Calcuita	Kishnaghur	Ranaghat	Sentipore	Jessore	Rampore Beaule	Darjung	Naravaneunea	Chittagong	Comillah	Patna City	Gya	Arrah	Moznffernore	Darbhanga	The same of	The endsore	Мовећуг	Purneah	Parl	Cherry Control of the
			ġ		•	1	:	5	~	3	-		-	-	2	1	1	1	7										1			144
			DISTRICTS		Burdwan	Midnapore	Hughli	Sersimbore		Howrah		24-Pergunnahs	*	Nuddea		Jessore	Rajshahye	Darming	Dacca	PLittersone		Patra	9.4	Shahahad	and the same of th	Mozunerpore	Durbnanga	Sarun	Bhagulpore	Bonacah	Furness	Furt in

* A special census of the Europeans in the Darjiing Municipality was recently taken, as the census of this section of the community, taken in February 1881, was not reliable owing to re-consults from . The ratios have consequently been calculated on the revised, population under all heads in the above table, except "Age," the ratios under which have been calculated on the revised, population under all heads in the above table, except "Age," the ratios have consequently been calculated on the results of the census under this head and having been recorded under the authorized form of age classification.

						91			THE STATE OF					1100		Section 2		September 1								91					
																MOR	MORTALITY		ACCORDING	EC.198025743	_0I										
							3	Class.															Age.								
	NAMES OF MUNICI-	UNICI		DEA	TIES	DEATHS AMONG-	1	R	ATTO PE	R 1,000	RATIO FER 1,000 OF POPULA- TION PER ANNUM.	PULA.					DEATHS	is.				-		R	RATIO PER 1,600	в 1,000 ов	POPULATION	TION PER	R ANNUM.		
DISTRICTS	PALIFI	zi		Christians.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	. Mahomedans.	Buddhists.	Other chasses.	Under ! year.	I and under 5 years.	5 and under 10 years.	10 and under 15 years.	Jears. Jears. 20 and under 30	years.	years,	years, 50 and under 60	years, and up-		Under 1 year.	and under 5 years.	7 sand under 10 years, 15 and under 15	years.	years.	years.	years, 40 and under 50 years,	50 and under 60 years,	-qu bhe stay 09
Rurdwan	Bardwan	1		-	6	80	-	1	19.8	8 15.2	91	1	91	:	1	T	91	1	-	4	1	61	9.	1-	-	1	90		47.1	1 21.2	2 70.2
	4				-				14.0	0.	1		-	1	:	;	1	-	:	01	1	1	0.02	1.55	-	-		7.1	27-9	9 25.2	28.
Harry		surah				1		- 1	11.8	9. 1.6	9	:	-	1	;	1	-	64	1	-	-		22.1	19.2		71	10		7.4 10	.1	-
	S-rambore				91		:	1	33.0	0	1	!	9	01	ï	1	1	1	1	91	1	10	139.4	9.19	1		-	1	38	8.	2 181-5
Serampore	Utterpara	4		-	-	1		1	1	1	:	1	1	:	i	1	1	:	-	1	<u> </u>		-	-	-	1	!	- -	1	-	
-	Howrah		1		10	P-	-	1	ž-	7-6 17-7	4	215.8	03	*	:	1	01	93	1	4	1	1	4.09	9.1.0	-	7.9	14.5	9.4	71 17	7 9.	13.8
Howrsh	Bali	1	1		60	•		:	1116		1	1	1	1	1	1	j	;	1		1	01	-	1		1	! :	-	9.81	1	1427
24. Pergunnaha	Suburbs of Calcutta	affa	1	89	88	11	1		-	-	1	:	56	10	-	10	00	21	129	10	63	13	283.7	33-3	18.1	29.5	133.1	18.8	12.1	.98	8 47
4	Kishnaghur	i	1	1	7	10	1	6	91.7 19.5	7.18 S.	-	1	10	04	-	:	91	1	-	-		-	524.3	57.77	15.1	-	59.6	-	12.1 12.9	6	80.1
Nuddes	Ranaghat	ï	1		1				1.7		1	1	;	1	1	;	1	;	1	1	-	-	:	:	1	-	2.28	:	1 1	i	1
	Santipore	i	•				-	•	1		1	1	:	:	:	;	:	1	1	1	-	-	1		-		:	1	1	1	1
Jestore	Jessore		1			01			9.11	-	79 .	1	1 '	i	-	1	-	;	-	1	:	-	:		92.2					1	1
Rajshahya	Rampore Beauleah	q	ī		11		•	1	2 :	9 6	1	1	•	ia .	;	91	•	94	00	00	;	10	128.1	73.3	1	57.7 12	125.2	52.0	45.3	9.69	
Darjiling	Darjiling	1	1						-	9 9	!	1	. 61	*			: -		: "						1 2			0.01	10.4	6.0	. 6
\	Ducca	1	1		0 00	9 91			1.60	_	1 1	1	-	1	03	1			-	• :		1	186.3		-		8.08			100	*
Chittaenre	Chitteenne	•			91	φ		-	. 17.9	9 20.4	:	1	1	1	:	.:	i	93	-	- 1	03	-	1	26.4	-	1	-	33.7	15.6	26	90
Timorsh	Comillah				-	о.			87	7 68.3	9	I	1	69	64	,	91	1	-	:	1	. 01	-	19.2	6.23	-	82.7	18.8	1	6.4.9	9 153.4
Patma	Patma Oity			•	-	17			. 94.9	9 21.6	;	1	16	11	.03	64	4	90	9	10		14	193.0	20.5	6.9	7.5	18-6	14.5	13.4	13-8	1 52.7
	Gya				0	90	-		31.7	7 25'9	1	7	21	16	1	-	1	+	01	69	00	9	848.6	130.9	1	1.1	6.6	14.1	8.5	16.0	7 60'6
Shahahad	Arrsh	•			7	2000	A.		1117	-	1	1	e)	1	:	1	1	;		-	,	01	7.08	11.7	-	11.8	;	1	1	11.1	. 36
	Mozniferbore	1			10	•	- !	1	8.6	6 16.7	-	i	ŧ	1	;	;	1	93		-	-	01	-	12.9	-	-	17.1	18.5	7.7	. 16.0	0
Durbhanza	Durbhangs	•			•			1	. 150	8.11 0	1	1	01	10	i	1	1	4	1	1	-	60	8.99	2.92	-	-	12.9	15.6	4.1	11.9	94
Sarun	Chupra	,			-	4	•	-	1.3	8 17.8	1	1	1	1	1	1	91	1	1		1		98.0	8.6	1	-	29.1	1	1	-	8.21
Shagulpore	Bhagulpore	:	1	01	22		-		5.25	3 27.2	3	ı	00	65	01	1	1	•	9	1	91	90	\$.850	8.87	1771	8.3	12.4	0.61	33.6	8.1 24	4 115.2
Monghyr	Monghyr		1		13	**		•	. 16.3	3 12.4		1	1	1	91	-		03	1	7	9	1	35.0	8.4	147	1.6		15.1	8.9	32.6 35	2 14.2
Purneal	Purneah		1	1	90	•		1		91	1	i	01	60	1	1		1	1				\$67.5	159.1	6.52		1	8-91	18.5	<u>.</u>	
Pari no	Puri				16	1	1	1	30,7153		:	1	1	91	1	-	: 1	61		-	01	61	6.119	6.29		27.7	11		38.2		9.19
					ä				19.4	щ		A. 28. 1	10	100	1 10	1					Ä			THE PERSON NAMED IN	N. STATE OF THE PARTY OF THE PA	The second secon					

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 5th of June 1886.

Number of boats.		Natu	re of cargo.		90.00	Weight of cargo.	Tollage.
						Mds.	Rs.
263	Rice and paddy	•••				68,760	1,21
16	Jute					12,575	21
187	Firewood	***	***	•••		86,650	1,26
754	Other articles	•••		***		2,51,910	3,61
1,220				Total		4,19,895	6,29

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 1,515 miles open.

	COACHIN	OF TRAFFIC.		AND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise,	Tota
	10000	Rs. A. P.	Mds. s.	Rs. a. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 20 weeks of half-	241,143	2,48,026 2 0° 163 11 5	30,48,286 0	7,44,505 2 0 491 6 9	22,193 12 0 14 10 5	10,14,725 0 0 669 12 7	65,663}	138,623	204.0
Total for 21 weeks	4,888,449 5,129,592	59,18,064 5 3	5,67,77,950 30	1,39,26,049 14 6 1,46,70,555 0 6		2,00,20,612 6 6 2,10,35,337 6 6	1,419,995}	2,356,3841	-
COMPARISON.	7	3,10,002	3,00,20,200	1,70,70,000	7.4	5,10,00,001 0 0	1,410,0002	2,495,0074	3,915,0
Total for corresponding week of previous year	202,388	1,93,684 18 3 128 5 0	29,43,567 10	7,56,293 31 0 501 0 4	32,896 14 10 21 12 8	9,82,875 7 1 651 2 0	64,776	194,875	199,6
previous year	4,928,171	59,30,414 11 11	5,61,39,613 20	1,45,39,794 11 11	4,78,924 1 10	2,09,49,133 9 8	1,458,369	2,531,659	5,990,00

^{*} The increase in coaching traffic is partly due to marriage ceremonies and partly to the running of extra and special trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	CEIPTS FOR W			CRIPTS FOR W			L RECEIPTS FRO 1885 TO 30TH 1885.			L RECEIPTS PRO 1886 TO 29TH 1886.		Total	Total
Mean milesge worked.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease 1886,
	Rs.	Rs.		Rs.	Rs.		" Rs.	Rs.	***************************************	Rs.	Rs.	Rs.	Ra,
1,509}	9,82,875	651	1,515	10,14,725	670	1,500}	89,64,370	5,939	1,515	86,24,132	5,692		3,40,238

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 571 miles open.

	COACHIN	G TRAFFI	c.	1	MERCHANDISE TRAI		ERA	L	Other ea	mi	nee	1			TRAFFIC	TRAIN-MIL	ES RU
	Number of passengers.	Receip	ts.		Weight carried.	Recei	pts.		(estimat			Total earning			Coaching.	Merchan- dise.	Tot
The second section of the second		Rs.	A. 1	P.	Mds. s.	Rs.	۸.	Р.	Rs.	۸.	P.	Rs.	. P	P.			
Total traffic for the week Or per mile of railway For previous 20 weeks of half-year	13,493 236 273,626	6,303 110 1,47,954	3	0 2 0	53,502 80 935 20 11,05,852 0	3,390 59 78,291	4	4	35 0 1,095	8 9 0	11	9,729 170 2,27,340	9 1 3	0 5 3	1,395	909 17,044	2,
Total for 21 weeks COMPARISON.	287,119	1,54,257	6	0	11,59,354 30	81,681	7	0	1,130	8	3	2,37,089	Б.	3	36,594	18,049	54,
Total for corresponding week of previous year	8,836	3,848	14 1	0	62,892 30	4,719	13	0	81	0	0	8,649	11 1	0	1,606	788	2,
ing week of previous year Total to corresponding date of previous year	154 263,692	67 1,41,597			1,099 20 12,86,057 10	90,053	8 12	23	1,439	6 15	933	151 2,33,090	3	84	34.559	19,991	54,

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, duted 23rd July 1883.

	TH MAY 1885			rs por week in May 1886.			MAY 1885.			RECEIPTS FRO PRIL 1886 TO 29: MAY 1886,		Total	To
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked,	Receipta,		Mean mileage worked.	Total receipts.	Per mile worked,	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decre 18
	Ba.	Re,		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	,
371	8,659	151	57ž	9,729	170	574	86,257	1,508	671	1,03,295	1,805	17,038	

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 12 miles open.

	COACHIN	G TRAFFI	ic.	MERCHANI T	BAF		RRAL	Other earnings	Total coming	TRAFFIC	TRAIN-MILE	s RUN.
	Number of passengers.	Receip	ts.	Weight carr	ied.	Receip	ts.	(estimated).	Total earnings.	Coaching.	Merchan-	Total.
CHECK SHOP COLUMNS		Rs.	А. Р.	Mds.	8.	Rs.	А. Р.	Rs. A.P.	Rs. A.P.			
Total traffic for the week	3,417		13 0 9 1	16,619	0		15 0 1 3		1,355 4 0 112 15 0	228} 	265	493
year	55,663	9,383	7 6	6,72,156	0	12,355	13 0	769 2 3	22,508 6 9	4,713	4,901	9,614
Total for 21 weeks	58,480	9,966	4 6	6,88,175	0	18,052	12 0	844 10 3	23,863 10 9	4,9411	5,166	10,107
Companies of corresponding week Revious year mile of railway corresponding week of previous	2,227	367	5 6	25,249	20	942	6 0	91 1 8	1,400 12 9	121	278	329
year sotal to corresponding date of		30	9 10	******	-	78	8 6	7 9 5	116 11 9	*****	******	
grevious year	51,874)	18,801	6 7	4,50,777	10	18,629	2 0	1,507 13 0	23,938 5 7	3,194	4,229	7,423

Approximate Statement of gross receipts of the Dildarnagar-Ghazinur State Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, dated 23rd July 1883.

ECEIPTS SOT	FOR WEEK	ENDING	RECEIPT 29	PS FOR WEEK I	ENDING		L RECEIPTS FRO PRIL 1885 TO 30 MAY 1885.			L RECEIPTS FRO PRIL 1886 TO 20 MAY 1886,		Total	Total
Mean please persed.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean milease worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in
12	Rs.	Rs.	12	Rs. 1,355	Rs.	12	Rs.	Rs. 977	12	Rs. 11,545	Rs. 962	Rs	Rs. 181

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 744 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE A		Other earnings	Total earnings.	TRAFFIC	TRAIN-MILE	ES RUN.
	Number of passengers,	Receipts.	Weight carried.	Receipts.	(estimated).	Total carinings.	Coaching.	Merchan- dise.	Total.
		Rs. a. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
al traffic for the week	4,946	3,484 15 0 46 9 5	81,669 10	4,190 11 0 56 0 5	65 0 0 0 13 11	7,740 10 0 103 7 9	636	1,3433	1,9792
previous 20 weeks of half-	114,037	91,187 13 0	15,53,655 10	70,397 14 6	2,171 6 6	1,63,757 2 0	22,5443	22,329}	44,873
Total for 21 weeks	118,983	94,672 12 0	16,35,354 20	74,588 9 6	2,236 6 6	1,71,497 12 0	23,1804	23,673}	46,8531
COMPARISON. al for corresponding week of renow year miles yailway correspond-	4,161}	3,842 6 0	79,926 10	2,985 4 0	98 12 9	6,926 6 9	• 1,180	· 1,409	2,589
gw. previous year al to tresponding date of brious year	121,089}	51 9 2 1,02,450 11 3	18,63,475 30	40 1 2 84,389 9 3	1 5 3 2,894 3 0	92 15 7 1,89,734 7 6	22,910	28,106	51,016

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, duted 23rd July 1883.

BIPT 30r	9 POR WEEK H MAY 1885.	ENDING		8 FOR WEEK TH MAY 1886			AL RECRIPTS F RIL 1885 TO 30T 1885,			L RECEIPTS FRO L 1886 TO 29TH 1886.		Total	Total
na Bre ted.	Receipts.	Per mile worked.	Mean milesce worked.	Receipts.		Mean mileage worked,	Total receipts,	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886,	decrease in 1886.
	Rs. 6,926	Rs. 93	748	Rs.	Rs. 103	744	Rs. 61,640	Rs. 827	748	· Rs. 64,837	Rs. 867	Rs 3,197	Rs

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 221 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF	FIC.		Total	TRAPFIC	TRAIN-MILES	RUN
	Number of passengers.	Conching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	earnings.	Coaching	Merchan- dise,	Tota
		Rs. A. P.	Mds, s.	Rs. A. P.	RS. A. P.	Rs. A. P.		1	
Total traffic for the week Or per mile of railway	19,491	4,973 9 0 2:3 8 6	7,717 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 8 0 0 6 10	5,273 2 0 286 15 11	919	49	9
For previous 20 weeks of half- year	408,729	1,10,705 2 0	2,23,827 0	7,800 5 0	125 7 5	1,18,630 14 5	19,419	3,125	22,0
Total for 21 weeks	4:8,220	1,15,678 11 0	2,31,544 10	8,090 6 0	134 15 5	1,23,904 0 5	20,388	3,174	23
COMPARISON.		AND DESCRIPTION OF THE PERSON							1
Total for corresponding week of previous year Per mile of railway correspond-	16,651%	4,375 7 4	63,551 30	1,074 14 0	4 2 6	5,454 7 10	1,033	67	1
ing week of previous year		198 14 2		48 13 9	0 3 0	247 14 11		*****	
otal to corresponding date of previous year	449,758	1,21,591 12 2	4,31,551 0	9,314 14 0	141 4 9	1,31,047 14 11	22,919	6,721	29

Approximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	PTS FOR WEEK 1907H MAY 1885.			TS FOR WEEK TH MAY 1886.	ENDING	APRIL	L RECEIPTS FRO 1885 TO 30TH 1885.	M 1st May		L RECEIPTS FRO BIL 1886 TO 29 MAY 1886.		Total	Total decrease to
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileago worked.	Receipts.	Per mile worked.		Total receipts,	Per mile worked.	Mean mileage worked	Total receipts.	Per mile worked.	increase in 1886.	18e6,
22	Rs.	Rs. 248	201	Rs. 5,273	Rs.	22	Rs. 51,236	Rs.	221	Rs. 51,755	Rs. 2,326	Rs.	g Rs.

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 42 miles open

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings	Total	TRAFFIC	TRAIN-MILE	s rus
	Number of passengers.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Tota
A second		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A, P.	Rs. A. P.		1	
Total traffic for the week Or per mile of railway For previous 7 weeks of half-	2,798	1,118 0 6 26 9 11	18,989 10	2,384 11 3 56 12 5	26 0 0 0 9 11	3,528 11 9 84 0 3	325	263	
year	16,589	7,588 13 3	1,13,051 20	13,324 7 0	53 0 0	20,966 4 3	2,089	2,279	4,5
Total for 8 weeks	19,382	8,706 13 9	1,32,040 30	15,709 2 3	79 0 0	24,495 0 0	2,414	2,542	4,5

Approximate Statement of gross receipts of the Cawnpore-Kalpi Railway, prepared in accordance with Public Victorian No. XXI, Railway, dated 23rd July 1883.

RECEIPT	8 POR WERK MAY 186	ENDING		TS FOR WEEK TH MAY 1886			L RECEIPTS FRO L 188 TO 188 .	MAY		TOTAL ERCEIPTS FROM 1ST APRIL 1886 TO 29TH MAX 1886. Total increase in 188 .			Total de
Mean mileage worked.	Receipts.	Per mile worked	Mean mileage worked,	Receipts.	Per mile worked.	Mean mileage worked,	Total receipts.		Mean mileage worked,	Total receipts.	Per		in 188
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	1.	Rs.	Rs.	Rs,	B
			42	3,529	84		*****		42	24,495	583		

DACCA STATE RAILWAY.

Approximate Keturn of Traffic for week ended 22nd May 1886 on 86 miles open.

	COACHING	TRAFFI	c.	MERCHANI	PRAF		RRAL	Other earnings	Total earnings.	TRAFFIC	TRAIN-MIL	es run.
	Number of passengers.	Coach		Weight carr	ied.	Recei	ots.	(estimated).	Total carnings.	Coaching	Merchan- dise,	Total.
		Rs.	А. Р.	Mds.	B	Rs.	A. P.	Rs. A. P.	Re. A. P.			
otal traffic for the week per mile of railway or previous 20 weeks of half-	9,014 105	2,771 32		2,445 28		381 5	$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	76 0 0 1 0 0	3,228 0 0 38 0 0	950 11	1,722 20	2,672 31
year	180,980	52,295	0 0	1,85,217	0	28,018	0 0	4,869 0 0	85,182 0 0*	16,610	31,647	47 657
Total for 21 weeks	189,994	55,066	0 0	1,87,622	0	28,399	0 0	4,945 0 0	88,410 0 0	16,960	33,369	50,329
COMPARISON.												
corresponding week of hous year	4,529	625	15 2	1,18,284	0	1,159	1 0	12 14 0	1,797 14 2	272	1,255	1,527
mg week of previous year	453	62	9 6	11,828	0	115	14 6	1 4 7	179 12 7	27	126	153
previous year	104,252	14,839	6 8	24,19,072	0	25,642	5 10	444 11 0	40,926 7 6	5,516	24,559	30,075

^{**} Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

	23RD MAY 1885.			TS FOR WEEK ND MAY 1886.			L RECEIPTS FRO 1885 TO 23R1 1885.			L RECEIPTS FRO PRIL 1886 TO 221 MAY 1886.		Total increase	Total decrease
Mean cleare orked.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked,	Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 1886.
10	Rs. 4	Rs. 180	86	Rs. 3,228	Rs. 38	10	Rs. 15,272	Rs. 191	86	Rs. 33,114	Rs. 48*	Rs. 17,842	Rs.

^{*}Corrected by actuals up to week ending 17th April 1886.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 29th May 1886 on 246 miles open.

	COACHING	TRAFFIC.		AND MINERAL PPIC.		Total	TRAFFI	C TRAIN-MII	LES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	MDs, s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
sitrafic for the week on 246 sies open by mile of railway previous 20 weeks of half-	37,09+1 151	12,618 9 10 51 5 0	1,77,392 30 721 0	17,434 15 3 70 14 0	3,415 8 10 3 8 0	33,469 1 11 124 11 0*	5,895	5,163	11,058
Re	712,419}	2,46,755 6 2	26,30,881 10	2,62,393 0 9	57,514 7 2	5,66,662 14 1	94,871	101,396	196,267
bial for 21 weeks	749,514	2,59,374 0 0	28,08,274 0	2,79,828 0 0	60,980 0 0	6,00,132 0 0	100,766	106,559	207,325
COMPARISON.									
al for corresponding week of evious year on 2.5 miles open this of railway correspond-	26,287	8,540 7 3	1,32,638 20	13,823 13 0	3,084 5 2	25,448 9 5	3,671	5,818	9,489
week of previous year	116	87 12 0	587 0	61 3 0	0 15 0	99 14 0*		16	
al to corresponding date of	626,493)	2,31,391 8 9	23,04,930 20	2,67,701 11 9	72,272 8 0	5,71,365 12 6	92,816	106,136	198,952

^{*} Steam-boat earnings excluded in calculating " Total earnings er mile of railway."

FINANCIAL YEAR.

Proximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

MPT 30	S POR WEEK TH MAY 1885	ENDING	RECEIPT	rs for WEEK 29TH MAY 18			RECEIPTS FROM IN 1885 TO 30 MAY 1885.			RECEIPTS* FRO RIL 1886 TO 291 MAY 1886.		Total increase	Total decrease
in age	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked,	in 1886,	in 1886.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs,	Rs.
	25,449	113	246	33,469	186	226	2,80,219	1,107	246	2,70,233	1,099	20,014	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 29th May 1886 on 271 miles open,

	COACHING	TRAFFIC.		AND MINERAL FPIC.	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried	Receipts.	(estimated).	earnings,	Conching.	Merchan- dise.	Total
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 20 weeks of half- year	2,570 94 52,251	980 0 0 35 15 0 20,419 0 0	5,824 0 214 0 1,67,183 0	476 0 0 17 8 0 12,630 0 0	14 0 0 0 8 0 419 0 0	1,470 0 0 53 15 0 33,468 0 0	10,325	5,262	76
Total for 21 weeks	54,821	21,399 0 0	Marketines services services	18,106 0 0	- management attended	34,938 0 0	10,834	5,516	15,58
COMPARISON.				4.185					1
Tetal for corresponding week of previous year Per mile of railway correspond.	1,9831	807 6 8	4,914 10	468 5 0		1,305 2 2	509	254	71
ing week of previous year otal to corresponding date of previous year	71 55,50±‡	29 10 0 22,576 7 8	180 0 75,351 30	17 3 0 7,232 13 0	1	47 14 0 30,554 9 2	10,907	5,443	16,3

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	TS FOR WEEK OTH MAY 1883			TS FOR WEEK			RECEIPTS* FRO PRIL 1885 TO 301 MAY 1885.			L RECEIPTS* FR PRIL 1886 TO 29 MAY 1886.		Total increase	Total decress
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked,	Receipts.	Per mile worked.	Mean milease worked	Total receipts.	Per mile worked.	Wean mileage worked.	Total receipts.	Per mile worked.	in 1886,	in 1886,
271	Rs. • 1,305	Rs. 48	271	Rs. 1,470	Rs. 54	271	Rs. 11,941	Rs. 438	271	Rs. 14,382	Rs. 528	Rs. 2,441	Rs.

^{*} The totals in these columns should be corrected by audited figures as far as possible.

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 29th May 1886 on 234 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAI		Other earnings (estimated)	m	TRAFFIC !	TRAIN-MILES	RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	including steam boat.	Total earnings.	Couching.	Merchan- dise.	Total.
		Rs. A. P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 20 weeks of half-	87,892 376	39,400 0 0 169 0 0	4.61,527 0 1,972 0	40.321 0 0 172 0 0		86,106 0 0 341 0 0	10,690	9,988	20,67
year	1,890,842	7,77,817 0 0	79,46,758 0	9,23,228 0 0	1,13,929 0 0	18,14,474 0 0*	217,578	192,912	410,49
Total for 21 weeks	1,978,784	8,16,717 0 0	84,08,285 0	9,63,549 0 0	1,20,314 0 0	19,00,580 0 0	228,268	202,90	431,16
COMPARISON.				Lance of the second				1	4
Total for corresponding week of previous year (audited) Per mile of railway correspond-	81,379	30,810 0 0	4,41,986 0	34,759 0 0	5,027 0 0	70,596 0 0	11,233	7,749	18,98
ing period of previous year Total to corresponding date of	349	132 0 0	1,897 0	149 0 0		281 0 0			
previous year	2,114,639	9,59,280 0 0	67,40,318 0	8,37,968 0 0	4,45,717 0 0	22,42,965 0 0	248,748	188,415	437,16

^{*} Audited up to week ending 10th April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

	PTS FOR WEEK E 10TH MAY 1885.			9TH MAY 1886			L RECEIPTS FROM PRIL 1885 TO 36 MAY 1885.			L RECEIPTS FRO PRIL 1886 TO 29 MAY 1886.		TOTAL INCLUSION	Total decrein 1886-87.
Menn milesge worked.	Receipts,	Per mile worked.	Mean mileage worked,	Receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mile worked.	Total receipts.	Per mile worked,	in 1886-87.	in iso
233	Rs. 70,596	Rs. 303	234	Rs. 86,106	Rs. 368	233	Rs. 7,23,002	Rs. 3,103	234	Ra. 6,99,408*	Rs. 2,989	Rs.	Rs 23,5

^{*} Audited up to week ending 10th April,

BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 126 miles open.

	COACHING	G TRAFFIC	MERCHANDISE TRA	AND MINERAL	Other carnings		TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts	Other earnings (estimated.)	Total earnings,	Coaching.	Merchan- dise,	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.	,		
traffic for the week or per mile of railway or previous 20 weeks of half-	23,653 188	8,341 0 0 66 0 0	20,506 0 163 0	1,687 0 0 14 0 0	22 Q 0	10,050 0 0 80 0 0	3,586	1,624	5,210
year / w	481,014	1,70,460 0 0	7,32,087 0	.43,853 0 0	529 0 0	2,14,842 0 0*	74,579	32,690	107,269
tal for 21 weeks	505,167	1,78,801 0 0	7,52,593 0	45,540 0 0	551 0 0	2,24,892 0 0	78,165	34,314	112,479
COMPARISON.									
tal for corresponding week of previous year (audited) r mile of railway correspond-	22,274	7,322 0 0	23,611 0	1,318 0 0	25 0 0	8,665 0 0	4,360	1.018	5,37
ag period of previous year	177	58 0 0	187 0	10 0 0		68 0 0		*****	0,01
revious year	501,025	1,86,695 0 0	5,50,139 0	36,139 0 0	746 0 0	2,23,580 0 0	89,380	22,743	112,12

Audited up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

BECEIPTS FOR WEEK ENDING 30TH MAY 1886. RECEIPTS FOR WEEK ENDING 29TH MAY 1886.				TOTAL RECEIPTS FROM 18T APRIL 1885 TO 30TH MAY 1885.			1886.			Total increase	Total decrease		
Mean mileage worked.	Receipts.		Mean mileage worked,		Per mile worked.	Mean mileage worked.	words accordant		Mean mileage worked.	Total receipts.	Per	in 1896-87.	in 1896-87.
	Rs.	Rs.		Rs.	Ra.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
126	8,665	69	126	10,050	80	126	86,265	685	126	86,328	685	63	

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

				Rs.	A.	Р.	
Approximate earnings for week ending 29th May 1886				9,847	0	0	
Corresponding week last year	***			10,358	0	0	
Decrease				511	0	0	
Receipts from 1st January to 29th May 1886				1,79,828	0	0	
Ditto from 1st January to 30th May 1885				1,61,688	0	· o	
Increase	***	***	***	18,140	0	0	
			4	Miles.			
Miles open week ending 29th May 1886	***			50	-		
Corresponding week last year	***			$50\frac{3}{4}$			
- 보이 배팅하다 (1984년 1일) 12 12 12 12 12 12 12 12 12 12 12 12 12				Rs.	A.	P.	
Receipts per mile open week ending 29th May 1886	***			194	0	6	
Corresponding week last year	***		•••	204	1	9	
Decrease	***	***	•••	10	1	3	
Secretary's Office, Darjeeling, the 6th June 1886.		W. S	TEVENSON,	Secretary			
이 많은 아이들 아이들 어린 아이들이 하는 사람들이 해 주었다고 있어야 하는 아이들이 하는 것이 없는 사람들이 되었다.							



The Calcutta Gazette.

WEDNESDAY, JUNE 16, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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EXHIBITION OF SILK COCOONS AT RAMPORE BEAULEAH.

No. 41Mct., dated Darjeeling, the 26th April 1886.

From-LORD H. ULICK BROWNE, Commissioner of the Rajshahye Division, To-The Secretary to the Government of Bengal, Revenue Department.

REFERRING to Government letter No. 621—110, Agriculture, dated the 18th February 1886, and the previous correspondence, I have the honour to enclose a copy of a letter No. 2155J, dated 26th February 1886, from the Magistrate of Rajshahye, reporting on the exhibition of silk cocoons held at Rampore Beaulean in January last.

2. Every effort was made to secure the ends in view, and I trust that

the exhibition has done good.

No. 2155J., dated Beauleah, the 20-22nd February 1886.

From—E. H. Ruddock, Esq., Magistrate of Rajshahye, To—The Commissioner of the Rajshahye Division.

I have the honour to submit a report on the exhibition of silk cocoons held at Rampore Beauleah in compliance with the Bengal Government No. 464T.F. (Agriculture), dated the 28th April 1885, to your address, a copy of which was received with your No. 104Mct., dated the 13th May 1885.

On receipt of the letter cited above, a Committee was formed consisting of the following gentlemen:—

```
E. H. Ruddock, Esq., c.s.
                                                 Chairman.
H J. Abbot, Esq.
E. Gallois, Esq.
                                             ...
Dr. L. Cameron
                                             ...
W. G. Morey, Esq.
                                                 Members.
Kumar Sashi Shikhareshwar Roy
                                             ...
Baboo Mohendra Nath Bhattacharjea
     Raj Kumar Sarkar
Moulvi Khan Ali Khan ...
Baboo Rajendra Nath Ghose
                                                 Member and Secretary.
```

The Committee held several meetings and decided to hold the exhibition in one of the godowns in the Borokootee compound on Monday, the 11th January 1886, and the five following days. One thousand copies of the prospectus of the exhibition, setting forth the principal rules and the number and value of the prizes to be awarded, were printed and extensively circulated in this and the neighbouring silk-producing districts. A subscription list was opened, and the Collectors of Moorshedabad, Beerbhoom, Maldah and Nuddea were requested to form sub-committees in their districts, to collect subscriptions, to circulate the prospectus, and to help generally in inducing exhibitors to come forward.

The following subscriptions were realised :-

				Rs.
Messrs. R Watson and Company				250
Maharani Surnomoyi				200
Kumar Shashi Shikhareshwar Roy				200
Messrs. L. Payeen and Company				100
Maharani Sarat Sundari				100
Kumar Jogendra Nath Roy				100
Raja Hara Nath Roy		111		100
Smaller subscriptions				498
Government grant	(already r	Total received)	:::	1,548 1,295
	Gran	nd Total	•	2,843

Government engaged to give a grant equal to the amounts raised by subscriptions up to Rs. 2,000, and the amount over Rs. 1,295 was collected subsequently.

The Committee offered the following prizes to the exhibitors:—

Prizes	at Rs.	75	each	***				
,,	,,,	50	,,,					
,,,	"	30	22		•••		***	
"	"	20	,,	***		***	***	
23	1)	16	22		•••	***	***	
"	99	10	,,,	***	•••	***	***	
39	"	5	33	***	***	***	***	

It was also decided to award a prize of Rs. 50 for the best Bengali essay on the method of rearing silk cocoons, and advertisements were inserted in the Hindu Ranjika, the Hindu Patriot, and the Bangabasi announcing this prize. Later on hand bills were printed and stuck up in the market-places and other conspicuous parts of silk-producing villages, to remind the people of the forthcoming exhibition, and Messrs. Morey and Gallois and other influential gentlemen were requested to explain the object of the exhibition to their ryots through mandals and headmen of villages. The Committee also invited Mr. A. G. Sen, Assistant to the Director of Agriculture, to attend the exhibition; but unfortunately he could not come owing to pressure of business. Machans in three tiers were provided for the reception of exhibits.

The exhibition was opened on the 11th January 1886, at noon, by Lord H. Ulick Browne, Commissioner of the Division, in the presence of several gentlemen, European and native, a few European ladies, and a large number of the exhibitors. In the course of the week the prize essay was read and explained to the exhibitors, and they were addressed in Bengali by two gentlemen—one of whom was Baboo Roma Nath Sen, the author of the prize essay, and a gentleman of 20 years' experience in silk business. The exhibitors had also an opportunity of seeing how silk was reeled off by machinery in the filature of Messrs.

Watson and Company.

The number of exhibits was as under--

			No and			No. of exhibits.
Rajshahye	***		***			141
Moorshedabad	***		***	•••	***	83
Beerbhoom		•••		**	•••	5
Maldah		•••			***	******
Nuddea	***	***	***	1 25 min 586		1
				Total		230

Messrs. Morey and Gallois, assisted by Baboo Roma Nath Sen, decided who were the prize-winners. I regret to observe that, as in Moorshedabad last year, some dishonest persons attempted to palm off as theirs cocoons reared by others; but the judges took care to see that such unscrupulous exhibitors got no prizes. The exhibition was closed on the 16th January 1886, when I distributed the prizes and addressed a few words of encouragement to the exhibitors present. A few copies of "Reshum Tutwa," presented by Kumar Shashi Shikhareshwar Roy, were then distributed among the cocoon-rearers. It is also intended to print the prize essay and distribute copies among the exhibitors.

The following statement shows the prizes obtained by the exhibitors of the different

districts :-

DISTRICTS.				First class prize Rs. 75.	Second class prize Rs. 50.	Third class prize Rs. 30.	Fourth class prize Rs. 20.	Fifth class prize Rs. 16,	Sixth class prize Rs. 10,	Seventh class prize Rs. 5.	Total amount in rupees,	
Rajshahye Moorshedabad Nuddea	44.		::.\	::	2	2 2	3 5	7 9	7 13	15 15	41 23	947 903
Beerbhoom							******		*****	1		10
			Total	***	2	4	8	16	20	32	64	1,870

The Judges were of opinion that the cocoons exhibited were as good as ever they have seen in Bengal, and above the average obtainable.

The receipts and disbursements were as under-

683	Denei	-4-
(a)	Recei	pts-

and the	Toccerbes						
ogen i					Rs.	A.	P.
	Subscriptions	***			 1,548	0	0
	Government g		**)		 1,295	0	0*
a.	Sale proceeds	of bamboo	s, &c.		 9	13	0
				Total	 2,852	13	0
(6)	Disbursements-				l Sagarag		
	Prizes				 1,920	0	0
	Establishment				 28	0	0
	Contingencies		•••	•••	 869	3	9
				Total	 2,817	3	9

This is the first, time that an exhibition of this kind has been held in this district, and though the people here are not very easily induced to move away from their homes, still it is hoped that this effort may, though on a small scale, produce some good. The exhibition has undoubtedly fostered a spirit of emulation among the cocoon-rearers by bringing together the cocoons of the various silk-producing tracts, and open astonishment was expressed by many of the exhibitors at seeing work so much superior to anything they could produce. The exhibitors appeared to appreciate, on the whole, the object of the exhibition; and there are grounds for hoping that similar exhibitions, held in the different silk-producing districts, in different years, may lead to good results.

^{*} A further grant of Rs. 248 was made by Government order No. 621—110Agri., dated 18th February 1886. The total receipts therefore amount to Rs. 3,100-13.

REVIEW OF THE TRANSACTIONS OF EHE FINE FUNDS ON THE STATE RAILWAYS OF BENGAL FOR YHE YEAR 1885-86.

GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT. RAILWAY.

No. 1094R-A, dated Calcutta, the 4th June 1886.

READ-

Government of India, Financial Dept. Resolution No. 427, dated the 28th June 1880. Letter No. 188A, dated 27th April 1886, from Manager, Northern Bengal S. Railway. Letter No. 4192, dated 1st May 1886, from Manager, Tirhoot State Railway.

" 1672, dated 17th April 1886 Dacca State Railway. " 1568, dated 5th May 1886 Nalhati State Railway.

The receipts and disbursements upon the several lines were as follow:-

		RECE	IPTS.		E			
RAILWAYS.	Balance on 1st April 1885.	Fines.	Interest.	Total.	Disburse- ments.	Refunds.	Total.	Balance at end of 1885-86.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P
Northern Bengal Firhoot Dacca Nalhati	1,608 11 3 2,074 0 7 9 4 0 386 11 5	1,826 5 3 1,159 13 11 459 10 3 39 4 9	56 10 3 66 1 5 5 5 3 12 10 6	3,491 10 9 3,299 15 11 474 3 6 438 10 8	1,686 6 3 1,787 14 0 300 0 0 167 5 10	28 8 0 20 11 0 4 14 0 4 0 0	1,714 14 3 1,808 9 0 304 14 0 171 5 10	1,776 12 4 1,491 6 1 169 5 4 267 4 1
Total	4,078 11 3	3,485 2 2	140 11 5	7,704 8 10	3,941 10 1	58 1 0	8,999 11 1	3,704 13

During the year 1885-86 the assets of the Fine Funds upon the Bengal Provincial Railways were expended as follows:-

Northern Bengal State Railway.—Schools Rs. 1,367, institutes Rs. 100, amusements Rs. 150, sick employés Rs. 69-6-3.

Tirhoot State Railway .- Schools Rs. 149, institutes Rs. 297-7, amusements Rs. 780, sick and miscellaneous Rs. 361-1, and volunteering Rs. 200.

Dacca State Railway.—Institute Rs. 300.

Nalhati State Kailway.—Schools Rs. 49, institutes Rs. 90, sick employés Rs. 28-5-10.

Of the balance at credit of the Northern Bengal State Railway Fund. Rs. 500 represented the balance of last year's loan to the Railway Co-operative Stores Association, which was still outstanding at the end of 1885-86.

RESOLUTION.

In the Resolution on the Fine Fund reports last year, attention was drawn to the necessity of avoiding any undue accumulation of balances, and the Lieutenant-Governor observes in the present reports that on the Tirhoot State Railway and Nalhati State Railway the balances have been reduced. On the Northern Bengal State Railway, however, the balance still shows a tendency to increase, and the Manager should take steps to avoid this. A larger proportion of the assets of the fund on this line may with advantage be spent in providing amusements and recreation for the employés.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Secretary to the Government of India, Public Works Department, and to the Managers of the Bengal Provincial Railways, for information, and that the Resolution be published in the Calcutta Gazette.

By order of the Lieutenant-Governor of Bengal,

S. T. TREVOR, Col., R. E.,

Secretary to the Government of Bengal, P. W. Dept.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 12th June 1886.

N	0.	District, and date return.	e of	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
EN	GA!	L. Western Distric	ta.		
	1		12 '86		Weather-very warm. Prospects of crops good. Price of common rice 16 to 2
*		Culna	•••	0.09	seers per rupee. Public health good.
	2	Ranigunge Bankoora, ,	12 "	0.12	Weather-hot, close, and cloudy. Cotton flowering. Til ripening. A
1	-				seedlings doing well. Prices stationary at head-quarters. Public health goo
	3	Beerbhoom, ,, Rampur Haut	12	0.20	Weather—hot. Rain wanted. Ploughing and sowing fairly advanced. Price moderate. Public health good except for a few cases of cholera.
1	4	Midnapore, ,,	12 "	0.11	Weather-very hot. Cultivation at a stand-still. Rain urgently require
		Hearble	10	Nil	Public health good.
1	5	Hooghly,	12 ,,	0.42	Weather—very hot. Prospects of all crops good. Public health good.
		Howrah. "	14 "	0.04	Weather-extremely oppressive. High temperature. Sowing of aus and am
1		Ooolooberiah		0-66	rice and jute beng pushed on, but rain wanted.
		Central Distric	ta.	11.	[12] - 그렇게 하는 사람들은 사람들이 되었다. 그 사람들이 되었다. 그 그 사람들이 되었다. 그렇게 되었다. - 그렇게 되었다. 그 사람들이 사람들이 되었다. 그 그 그 사람들이 되었다. 그렇게 되었다. 그렇게 되었다.
i	6	24-Perghs.			Report not received.
1		Nuddea,	12 "	Nil	Weather-very warm and close; occasionally cloudy. Prospects of crops god
1	7	Kooshtea		0.23	General health good.
. 1		Meherpur	19	0.70	We have both and had Cabinston of the continue Pare
).	8	Khoolua, ,,	12 ,,	0.31	Weather—cloudy and hot. Cultivation of rice continues. Prospects go. Public health good.
	9		12 "	0.09	Weather-very hot. Prospects of paddy crop continue to be good. Price
1	100	Jheuidah Magura	AL	0.62	rice stationary. Public health good.
	7	Narail		0.96 2.39	
1	10	100	12 .,	1.96	Weather-very sultry, generally at Sudder station. A very good shower
		Lalbagh Kandi		1:30	rain (1.96) fell on 6th, but weather has again become very hot. All prospe good. Public health good. Price of rice stationary.
	. 10	Jungipore			Barri A warrange
¥,	11		11 '86	0.11	Weather-hot and dry. Cultivation progressing.
	12	Rajsnanye, " Nowgong	12 ,,	0:26 1:82	Weather—very hot. Harvesting of til commenced. Sowing of amun pad still in progress. Prospects of standing crops generally good, but more re wanted. Health fair.
1	13	Rungpore "	12 "	0.37	Weather wery hot. State of crops generally good. Harvesting of early r
1	-	Kurigram	•••	1.65	commenced at some places. Cholera reported from Sunderguage and Nag
		Gaibanda Nilphamari		0·48 1·28	wari. Realth generally good.
1	14	Bogra, "	12	1.29	Slight rain during week. Temperature moderate. Prospects of aus and ju
1		Sherpur Nowkhilla	•	2·43 0·50	continue favourable. Sugarcane plants healtny. Land being prepared amun crop. A few cases of cholera still reported.
1	15		12	0.34	Weather—hot for greater part of week. Crops doing well. Public heal
1	0	Serajgunge		0.64	good. Weather-fine and hot. Prospects of crops favourable. Several cases of chole
1	16	Darjeeling, "	12 "	1.82	
	17	Julpigoree, ,, Eastern Distric	12 " ts.	0.61	Weather—unusually dry and hot for this time of year. Hot weather shot benefit jute. Bhadoi paddy looking very well. Other crops favoural reported. Public health continues good.
	10	Daces, June 1	2 '86	4.12	Weather-hot and cloudy. Sowing of amun paddy nearly finished. Jute a
1	18	Manickgungo		0.39	aus paddy doing well. Prospects good. Public health good.
1		Munshigunge	•••	3.86	
1	19	Naraingunge Furreedpore,	12	2.78 Nil	Weather-very hot. State and prospects of crops good. Public health good.
		Madaripore		0.15	
1	20	Goalundo Backergunge, ,	10 "	8:18	Weather-seasonable. Aus crop promising. Cultivation of amun crop going of
1					General health fair.
	21	Mymensingh, ,, Jamalpur Kishoregunge	11 	2·42 0·52 1·38	Weather—close and cloudy Maniler Public health fair. Tangail jute attacked by cater-pillars. Public health fair.
		Netrokona	***	2.88	Weather-seasonable. Sowing of aus paddy in progress. Prices stationar
1			15 '86	1.48	Public health good.
1	23		11 "	8:46	
	24	Fenny Tipperan,	10 "	5·18 2·70	
1		Brahmunberiah		0.45	winter rice crop being pushed on. Some transplantation competed 2
1	25	Chandpur Chittagong Hill "	8	6:70 9:85	
1		Tracts. Hill Tipperah,	9 ,,	2.05	Sowing in jooms nearly over. Aus paddy in ear. Fever prevalent. Swing in jooms nearly over. Aus paddy in ear. Fever prevalent. Weather—hot and occasionally rainy. Prospects of satya paddy good. Tran planting of sugarcane over. Joom crops still being sown. Public heal-

	No.	District, ar				Rainfall at Sudder Station in inenes.	on sold of the weather, state and prospects of the grops, and
вы	HAE	. /					The state of the s
	26	Patna,	June	12	'86	Nil	Weather-very hot. Bhadoi crops being sown in some places. Cheena and sugarcane doing well. Public health generally good; a few cases of choler
	27	Gya,	.,	12	,,	Nil	reported from Barh town. Weather-extremely hot and oppressive. Marua and rice being sown to
PAINA DIVE.	28	Shahabad,	"	12	,,	Nil	seedlings. Sugarcane doing well. Public health good. Slight fall in prices a Weather—intensely hot. Prospects of sugarcane and indigo continue favourable Prices stationary. Fever reported from Sasseram and Bhabhua; otherwise
INA	29	Durbhunga,		12	.,	Nil	public health fair.
PA	30	Mozufferpore,	,,	12	,,	Nil	Weather—hot. Lands being prepared for bhadoi. Rain urgently needed for sowing of bhadoi crops. Prices stationary. Fublic health generally good.
	81	Sarun,		12		Nil	Weather—very close and cloudy. Standing crops in good condition. Land- being prepared for bhadoi crops. Public health good.
393	32	Chumparun,	,,	12	,,	Nil	Weather—hot with easterly wind. Harvesting of cheena will shortly commence Rain wanted for bhadoi sowings and indigo. Sporadic cases of small-pox and cholera reported from the mofussil; otherwise public health good. Weather—hot and cloudy with easterly wind. Lands for bhadoi sowings being prepared. A few cases of small-pox and fever reported. Prices stationary.
		-				to Jac 8	prepared. A few cases of small-pox and fever reported.
×.	33	Monghyr, Beguserai	June	12	'86	0.74	Weather—hot and sultry. Lands being prepared for bhadoi crops. Sowing of makai commenced at Beguserai, and that of early paddy nearly completed
A L		Jamui				0.60	Public health good, but sporadic cases of small-pox continue to be reported
BHAGULPUR DIVE.	34	Bnagulpore,		12	"	1.96	from Beguserai. Prices stationary. Weather—sultry. Prospects of crops good. A severe storm on 6th further damaged mange crop which is already poor. Sporadic cholera in north.
100	35	Purneah	35	12	,,	2.72	Prices easy. Local showers reduce temperature, which is otherwise high. All crops doing well.
BH	36	Kissengung Maldah		12		1.54	Rain very beneficial.
		Chanchal	19		"	0.89	Weather—cloudy, rainfall scanty; very hot and oppressive. Bhadoi paddy and other crops doing well, and broadcast amun paddy germinating. Common rice
1	37	Gazole Sonthal Perghe		12	,,	0·48 2·36	selling at an average of 20 seers per rupee. Public health good. Weather—very hot and rainy. Heavy rain fell on 12th. Ploughing and sowing
*		Deoghur Pakour			:::	0.51	in full progress. Prices stationary. General health good.
ORI	SSA	1.00					
í	38	Cuttack	June	11	'86	0.63	Weather—hot and cloudy. Rice being sown, Ploughing in progress in some places. Cotton flowering. Sugarcane growing well Public health generally
ė.	8						good; only a few cases of cholera reported from the interior. Price of rice a
DIVE	39	Poores,	,,	10	3.	0.20	little higher. Weather—occasionally cloudy. Early rice has sprung. Sowing of sarad crop going on. Dalua being harvested. Relief works going on in Chilka tracts,
ORISSA		<i>y</i>					Common rice sells at an average of 19 seers 15 chittacks per rupee in Sudder sub-division, and 17 seers 11 chittacks in Khoordah sub-division. Cases of
1		Balasore,		11		0.48	cholera reported from the mofussil. Weather—close and sultry. Ploughing in progress Public health generally good with the exception of a few cases of cholera and fever here and there.
	TA	NAGPORE.					A Commence of the Commence of
50	uth-	West Frontier	Agen	oy.			A TRAINER MAN TO THE TOTAL PROPERTY OF THE TRAINER MAN TO THE TRAINER MAN TO THE TRAINER MAN TO THE TRAINER MAN
	41	Hazaribaga,	Jnne	12	'86	Nil	Weather - bright and very hot. Ploughing and sowing still progressing. General
	42	Loharaugga,	-23	12	"	0.12	health good Weather—seasonable; warm. Some rain during week. Cultivation progressing. Early paddy being sown. Prices stationary. Public health good. A few cases
	43	Singbhoom,	.,,	11	99	0.27	of cholera in Palamow sub-division. Weather—hot; only two storms during week. Ploughing and sowing being carried on. Public health good.
	41	Marbboom, Govindpore	,,	12	"	Nil 0:43	Weather—warm and sultry. Cloudy at times, but no rain, during latter part of week. Ploughing and sowing of rice lands progressing, also of maize. Excepting a few cases of cholera, public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.; The 15th June 18:6.

P. NOLAN, Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th June 1886.

			oright	barometer	T	RMPRR	ATURE.			HYGRON	EBTRY.	Sauria.	WIND.			
Month.	Date.	Maximum in sub.	Number of hours of bright sunshine,	Mean pressure baron at 83° Fahr.	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humičity.	Prevailing direction.	Miles recerded.	Rain.	WEATHER.
		0		Inches.	0	0		0	0	Inches	0	0/0	The second solution	Marin S	Inches.	
une	6th	155.7	9.2	29.616	88-9	97.2	16.9	80-3	81.2	0.978	78.5	73	SE and SSW	99	Nil	Partially cloudy
"	7th	157-5	6.7	591	88.7	97.1	17.4	79-7	81.7	1991	78-9	74	SSW and S	89	,,	Chiefly cloudy.
"	8th	163.5	8.0	.283	85-7	98.2	18:4	80.1	79-2	*913	76.5	76	SW by W and variable	128	0-17	Chiefly cloudy
10	9th	167.0	0.6	*656	82.8	90.2	14.4	76.1	78-6	932	77.1	83	SSE and S by W	71	Not measure- able.	Chiefly cloudy
"	10th	161.5	3.8	:666	85.4	91.5	14.5	77.0	79-8	*943	27:4	78	SSE and ESE	101	Nil	Chiefly cloudy.
33	11th	150.3	6.4	-823	87'1	95.5	17.0	78.5	80-5	-953	77.8	75	SE by E and NW	66	29	Chiefly cloudy
11	12th	155.6	3.1	.539	88-6	96.6	17.4	79-2	82.3	1.019	79.8	77	SSE and variable	61		Chiefly cloudy

		ARCD98.
The mean pressure of the seven days		29.612
The average pressure of the corresponding period for 24 years, S. G.'s Of	fice	29.568
	•	
The total number of hours of bright sunshine		Hours.
Mh a marinum possible number of hours of sunchine	• •••	37.8
The maximum possible number of hours of sunshine		94.0
		0
The mean temperature of the seven days		86.7
The average temperature of the corresponding period for 24 years, S. G.'s	Office	
The average temperature of the corresponding period for 24 years, or or a		85.6
The extreme variation of temperature	•	22.4
The maximum temperature		98.5
어디트 전화 경영 사람들은 아니라 보고 있다는 것이 되었다. 그는 그는 그는 그는 그는 그는 그는 그는 그는 그는 그는 그는 그는		Miles,
The highest velocity of the wind in one hour		11
		Тъs.
m. 143		
The highest pressure of wind on one square foot	•••	3
		۰
The mean relative humidity		77
The average relative humidity of the corresponding period for 24 years, S.	2 'a Office	
the average relative numinity of the corresponding period for 24 years, 5,	o. s Omce	79
		Inches.
The total fall of rain from 6th June to 12th June 1886		0.17
The average fall of the corresponding period for 24 years, S. G.'s Office	••	2.52
The total fall from 1st January to 12th June 1886		11.74
The average fall of the corresponding period for 24 years, S. G.'s Office		13:29
m		

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet bove the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86, rmerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, d drizzling rain, p passing temporary showers, < lightning,

solar corona.

A. PEDLER, For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA; Calculta, the 14th June 1886.

Meteorological Report of the Province of

						girl)			STA	MOIT	OBSEI	RVATIO	NS.				
				AIR P	RESSUR	B.				ТЕМРЕ	RATUR	E.		HUMII	ITY.	CL	OUD,
	DISTRICT.	Representative stations,	Highest, 10 A.M., barometer read- ing of month.	Lowest, 10 A.M., barometer read- ing of month.	Mean, 10 A.M., for month.	Mean reduced to sea-ievel.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maxi- mum tempera- ture.	Mean daily mini- mum tempera- ture.	Mean daily tem- perature.	Variation from normal mean.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mesn cloud amount, 10 A.M.	Variation from
1		Gopalpore	29*842	29.610	29.741	29.791	_	89*2	76'8	87.8	80.6	84'2	_	78	_	2.7	
(Pooree {	False Point	29.862	29.616	29.764	29.785	+*024	91.2	71.6	90.5	79.0	84'6	-0.7	76	-7	5'4	1
3	Cuttack	Cuttack	29.780	29.554	29.€82	29.761	+*023	106'4	71.8	101.4	77.1	89:3	-1.2	59	-6	4.2	
(Balasore	Balasore	29*824	29*592	29.724	29.783	-	101.4	69.4	92.9	76.7	84'8	_	70	-	2.9	
1	South-West Midnapore and South 24-Pergun- nahs.	Saugor Island	29*837	29.614	29.753	29.779	016	93.2	71.2	91.2	81'4	86'5	+1.0	74	-6	6.0	
	Midnapore	Midnapore	29.714	29.499	29*618	29.769	-	106.4	67.2	97'4	77.0	87'2	-	59	-	3.3	
	24-Pergunnahs, Howrah, and Hooghly.	Calcutta	29*848	29.630	29.755	29.776	+*017	100.2	68.2	93.7	76.8	85'3	0	66	-11	41	
j	Burdwan	Burdwan	29.775	29.551	29.674	29.774	+.031	105.2	66.9	96.2	76.6	86'6	-0.6	64	-5	3'4	
	Bankoorah	Bankoora	29.540	29'304	29.443	-	-	106-1	69.6	98.3	76.8	87.5	-	65	-	2.3	
П	West Burdwan and Beerbhoom.	Ranigunj	29.527	29.306	29.430	-	-	109.0	67.0	98.4	76'8	87'6	-	61	-/	2.8	
	Moorshedabad	Berhampore	29'807	29,290	29:712	29.779	+ '042	103-7	69.2	94.3	75.9	85.1	-2.2	70	-1	5'4	
	Nuddea	Krishnagar	29*818	29.600	29.726	-	-	102.8	65.8	94.7	74.7	847	-	67	_	4'5	
l	Jessore and Khoolna	Jessore	29.849	29.631	29.762	29.795	+ 040	161'3	66.2	94.2	76.2	85.4	0	72	-4	7:2	
1	Chittagong	Chittagong	29.881	29*629	29.743	29.832	+*023	91.5	68.2	87.9	74.7	81.3	-1.0	76	-4	6.7	
	Chittagong Hill Tracts	Demagri															
П	Backergunj #	Barrisal	29.887	29.658	29.792	29.804	-	95'8	68.9	90.9	75.3	83*1	-	73	-	5.6	
1	Noakholly	Noakholly	29.849	29'645	29.767	29.810	-	94 0	69.3	88.7	75.1	81.9	-	74	-	5.4	10
	Furreedpore	Furreedpore	29.846	29.640	29.785	90:007	-	98.5	65.2	91.2	74'0	82.8	-	75	7.0	1.8	
	Dacca	Dacca	29.855	29*659	29.778	29.807	+ .056	96.2	69'1	91.0	75.2	83.1	-0.5	73	-7	5.5	
	Tipperah	Commillah Mymensingh	29*8309	29.625	29.744	29 813	-	95.8	65'6	91.2	73.3	82.6		73		4·8 5·9	
•	Bogra	Bogra	29.825	29.280	29.719	29.782	-	101.3	64.4	92.0	73.3	82.7	_	70		4'8	
	Pubna	Serajgunj	29*840	29.618	29.749	29.795	-	100'1	66.7	92'8	73.1	83.0	_	74	_	5.0	
	Rajshahye	Rampore Beau- leah.	29-832	29.565	29.707	29:777	-	102.4	67.7	90.7	71.9	81.3	-	76	-	3.6	
	Maldah 🦸	Maldah	29.765?	29'444	29.571	-	-	99.9	68.2	91'5	72'2	81.9	-	70	-	1'8	
	Dinagepore	Dinagepore	29.805	29.538	29.683	29*805	-	101.6	66.2	91'5	72.7	82.1	-	76	-	4.2	100
	Rungpore	Rungpore	29*803	29.259	29*684	29.810	-	96.8	64'1	88.8	69.6	79.2	-	76	-	5.8	
	Julpigoree and Cooch Behar.	Julpigoree	29.618	29.378	29.514		-	96.9	65.9	88.0	70.1	79*1	-	69	-	5'3	
1	Darjeeling Hill Tracts Purneah and North	Darjeeling Purneah	23.087	22°893 29°526	29.657	29.782	+0.21	105.2	42.7	96.2	50.2	56.8	+1.3	62	+2 -8	8:0	
	Bhagulpore. Mozufferpore	Mozufferpore							Ohe	motic	ons not	takon					
!	Durbhunga	Durbhunga	29.705	29.472	29.606	29-773	+ '045	101.9	66.4	94'3	75.8	85'0	-0.4	70	+3	2.7	١.
И	Chumparum	Motihari	29.670	29.398	29.529		-	102.8	61.8	94'2	73.0	83'6		60	_	3'9	
	Sarun	Chupra	29.666	29.438	29.613	2	1	106.0	65'1	98'4	75.8	87.2	_	60	_	2'4	
	(Dehree	29*508	29*274	29.391	29.789	-	104'5	61.01	94'1	72'5	83.3	-	42	-	1.6	
	Shahabad	Buxar	29.606	29:386	29'485	29.723	-	107.4	65'8	100:0	77:5	88'8	-	45	-	2.1	
	l	Arrah	29.607	29.418	29.250	29.716	-	107.4	66.7	991	77'1	88'1	-	53	-	2.8	
	Gya	Gya	29.433	29.239	29.342	29*714	+ 1007	109.6	65.7	101.7	73.8	87.8	-3.8	44	-5	8.3	4
1	Patna	Bankipore	29.685	29.457	29.576	29.758	+ '045	107.0	66.8	98'2	76.9	87.6	-1.2	58	+3	3.6	1
	South Bhagulpore and Monghyr.	Bhagulpore	29*692	29.460	29 585	29.746	-	101.4	60-5	96:1	76.0	86.0	-	59	-	2.7	
L	Sonthal Pergunnahs	Naya Doomka	29.370	29.128	29.255	90-701	-	103.2	68'4	95.6	76:3	86.0	-	79	- 0	4.2	
	Hazaribagh Lohardugga and Man- bhoom,	Hazaribagh Ranchee	27.737	27.659 27.540	27.765 27.646	29.731	+.080	103.1	67°7 58°9	95°8 95°7	78'8	83.9	-1.2	42 51	-	5.3	
	Singbhoom	San San San San San San San San San San	29.088	28'859	28-980	总是1377	TATAL	108'1	70'4	10 13 68	10000	STATES OF		50	1988	2.0	350

gengal for the month of May 1886.

Warehorder Design							RVATIONS	RICT OBSE	DIST			
							LL.	RAINFA		Transmission		1
	Diameter	Representative		1886.	15th May	Since		20	*	Of month.		
	DISTRICT.	stations.	Normal mesn num- ber of rainy days.	Wean num- ber of rainy days.	Variation.	Normal mean,	Mean of dis- trict.	Normal mean num- ber of rainy days.	Number of rainy days.	Variation from mean.	Normal mean,	Mean of dis- trict.
		Gopalpore)	_	_	- 1	- 1	-	-	_	-	-	- 1
1	Pooree	Palse Point	3:3	3.8	+1 18	1'48	2.66	5.9	6.5	+0'84	2.87	3'71
1	Cuttack	Cuttack	8.6	5.0	+0.82	1.82	2*64	6.2	7.6	+0.17	3.37	3'54
1	Balasore	Balasore	4'3	3.5	+0.39	2'10	2'49	8.6	8'2	+1.89	4'25	6'24
1	South-West Midnapore and South 24-Pergun- nahs.	Saugor Island	4.5	2.7	-1:45	2.30	0.82	8.2	6.7	-0.28	5.07	479
	Midnapore	Midnapore	3.8	4.3	-0.46	1.99	1.23	7.8	9.0	+2.81	4'88	7'69
1	24-Pergunnaha, Howrah	Calcutta	5.0	4.8	+0.77	2.28	3.32	9.8	8.0	+2.03	5.21	7'54
	and Hooghly.									1.5100	4.37	
1	Burdwan	Burdwan	4.2	5.7	+1'89	2.16	4'05	8.1	11.0	+5.66	8'57	10:03
1	Bankoora	Bankoorah	3.4	6.2	+2.96	1'45	6'41	7.8	9'8	+0.83	3.02	5'65
	West Burdwan and Beerbhoom.	Ranigunj	41	5'8	+1'27	1.64	3.84	8.0	9.3	+0.83	4'80	3°88 5°29
1	Moorshedabad	Rerhampore	4.3	7.7	+1'27	2.57	5.78	9'3	11.8	+4.98	5.80	10.88
1	Nuddea	Krishnagar	4.9	6.6	+2'57	3.51	5.89	10.6	30 10 4	+5.07	6'54	11.61
,	Jessore and Khoolna		5.2	6.7	+2.16	3°23	5.26	12.1	11.6	-0.24	10:17	9.63
1	Chittagong	Chittagong	6.0	6.2	+0.61	413	4.74	13.6	16.0	-0.08	9.70	9.62
	Chittagong Hill Tracts	Demagri	6.2	8.2	+2.98	3.83	6.81	12.6	14.3	+2.81	7:46	10.27
1	Backergunj	Barrisal	6.3	9.5	-2.66	5.50	2'54	13.2	12.2	-1.52	10.67	9.42
1	Noakholly	Noakholly	8.9	5.0	+1'44	4.43	5.87	11.8	15.0	+3'71	8.20	12:30
1	Furreedpore	Furreedpore	2.9	9.0	+1.89	3.75	5'64	13.2	15.0	+0.81	9:24	10.02
1	Dacca	Dacca	5.9	7.3	-0.28	4'63	4.05	13.7	14.0	+1*82	10.63	12.45
1	Tipperah	Commillah	6.7	6.8	-1.50	4.08	3.78	13.4	12.6	-1.43	9.91	8'48
1	Bogra	Mymensingh	5.8		+3.78	3.83	7:71	10.8	9.8	+2.30	7:50	9.80
1	Pubas	Bogra Serajgunj	52	8.0	+1.20	3.85	5'41	10.7	15.0	+0.30	7-20	7.50
1	Raishahwa	Rampore Beau-	47	9.2	+1.61	3.03	4'64	971	10.0	+0.92	5.97	6.89
1		leah.		70					.00		44	
1	Maldah	Maldah	3.7	5.2	+0.24	2.31	2'85	7:4	18.0	-0.48	415	367
1	Dinagepore	Dinagepore	3.2	6.4	+4.29	2.64	6.93	7.8	10.8	+3.35	4'95	8.27
	Rungpore	Rungpore	6.4	9.0	+5'32	6.22	11.87	12.8	16.0	+5.22	10'42	15'64
1	Julpigoree and Cooch Behar.	Julpigoree	8.4	9.8	-3.52	8.86	5.71	15.7	18.0	-3.17	18:63	10.46
1	Darjeeling Hill Tracts	Darjeeling	8.7	8'8	-0.19	5'48	5.59	16'5	15'0	-0.08	9:79	P23
5	Purpeah and North	Purneah	2*8	6.0	+3.21	2.02	5.53	6'4	9'4	+2'11	4.05	6.16
	Bnaguipore.						6189	Sec. 6			6114	3'36
1	Mozufferpore	Mozufferpore	1'8	3.3	+1.20	0.94	2.23	41	5.3	+1'24	2.15	4'04
1	Durbhunga	Durbhunga	1.7	2.3	+0.06	1.10	1.16	4:3	4.3	+1.78	3.36	
	Chumparun	Motihari	2'0	3.9	+1'14	1'23	2:87	4.4	7.5	+2.01	2.45	4'46
1	Saran	Chupra	1'2	3:3	+1'84	0.41	2:05	8.2	6.0	+1'86	1.83	3.19
		Dehree					740 m					
1	Shahahad	Buxar	1.8	2.3	+0.52	0.48	0'71	2.8	2.3	+0.04	1.01	1.05
1	Gya		1'6	3.5	+0.63	1.08	1.70	3.1	4'8	+0.59	1.52	1'81
}	Patna		1.7	2.8	+0.10	1.02	1.12	3'4	3.8	-0.15	1'76	1.64
1	South Bhagulpore and Monghyr.		2.0	3.6	+1.09	1.19	2.58	4.0	5'4	+0.98	2,03	\$:01
1	Sonthal Pergunuahs	Naya Doomka	2.9	6.0	+2 00	1.62	8.62	5.7	9.5	+2.20	3.03	5*23
1	Hazaribagh	Hazaribach	2.2			0.94		5'5			2.38	
	Lohardugga and Man- bhoom,	Ranchee	3.4	5'8	+1'20	1.53	2:43	5'9	6.8	+0.84	2.19	3.03
10	Singuhoom	Chaibassa	4.8	7:0	+3'35	1'94	5-29	8.9	8.0	+1.73	8.60	5.53

Table of Rainfall recorded at Static

											4	9.7		Day (5)	5.72						I
eteorological division.	District.	Station.	1	2	3		Б	6	7	8	9	10	11	18	13	14	15	16	17	18	
																					CAMBINISTER
ISSA	Pooree	Pooree Khurdah								0.01		0.46			0.05	0.07	0.08		1.02	2.96	
		Banpur False Point						0.21		0.09	=	:::	0.54	0.03	2'40	0.04	0.20	0.22		0.88	Married Married
		Pipli						:::								,		***	***	***	l
	Cuttack	Jagatsingpore Banki			***			0.10	0.27	0.42		0.07		0.50			0.02	0.30	::	1.90	Į
		Cuttack Kendrapara					:::	0.32	0.02	0.23		0.83			0°12 1°00 0°25			0.85	1.04	0.89	
		Dharmsalla Salipore			***	***	=	0.12		0.26					0.19			0.60	0.59	1'32	l
	Balasore	Chandbali					0.60		0.20	0.42				1'10	0.10		0.45	***	0.73		
		Bhuddruck Sorah Balasore		0.53		0.72		0.44 0.10		1.00 0.45 1.25		=	1'04 0'17	1.98 1.98	0.75		1.18	0.23	1.43 0.70	-	
		Jeliasore Baripodah		0.24	1.34		1.04		1.01			::	0°45 0°65	1.32	0.74				0.51 0.44		
TH-WEST	Midnapore	Contai			0.39			1.67						1.33		0.84	0.10		0120		0.00
, 10		Saugor Island Tumlook Midnapore		1.04	0.03	0.22	0.82	0.50				0.10	0.12	0.79 3.50 2.74	***	1.00	0.50		0°28 0°26	***	-
	*	Ghatal Devog			0.10		0.54	1.48	:::	::	::		:::	6.30 5.21	:::	177	:::	::	0'14	***	1975 Sec. 1
	40	Heria Bhagwanpore Garbeta		0.72	0.45 0.04 0.18		0°92 0°45	1.28		:::	:::		0.51	1.70	1.15	0.25	1.12	:::	1.66		
	24-Pergunnahs	Diamond Har-	- 1		0.03		0.40	1'44						0.93	0.09	1.35	0.03		1.00		
		bour. Canning Town						0.23						2:44	0.20	0.80	0.15	0.99	0.84		N. 10 1000
1		Barrackpore					===	0.40 0.97 0.46				=		4:31 2:10	=	0.58			1°84 0°37 0°68		
		Baraset Buseerhat	-					0.38		-		:::		3.90 3.00	0.13	0.04		0.25	1:60	6.02	
	Howrah	Howrah				0.02		0.72						4.80		1.03	0.08	0.50	0.75		
	*	Mohesreka (Oolooberiah). Berampore			0.04		0.09	0.82	***				***	4°15 2°25		0.24	0.15	0.10	0.08		
	Hooghly	Hooghly			***			0.64						1.85	1:26				1.06	0.46	
	Marie Marie	Jehspabad Culna	117	0.48	0 54		0.74	0.86		0.03	1.03		1:10	1.65 3.40					0.20		2884
	Burdwan	Burdwan	***	0°05 0°74	0°17 1°45		0.10						***	4*20 3*50	0.02	***		::	0°13 2°70	***	
		Mankur Rane-gunge		0:34	0.03		0.19	:::	0.04			:::		1.12 0.82			0.35	***	0.0	Ξ.	
	Bankoora	Bankoora Rishenpore		0.10	0.12	-	0°15 0°15			0.32	:::			0.50					0.55	0 08	
		Maliara	***	***	***		0°28 0°17	***	0.12	0.13		:::		0.06	***		0.45	0.02	***	0.15	38.88
		Kotulpore Anda	-	0,10	•••		1.03 0.84						***	1.13	•	=			0.12		100.00
		Gangajalghati Raipore		0.14		0.18	0.20		***	0.08				2.00				0.03	0.08	0.02	22.00
	Beerbhoom	Sonamukhi Bh. Soory		0.11			0.20	0.01						1.15				0.40	1.43		
		Rampore Haut	0.35	0.25	0.11		-	0.02	0.70			::		0.13					0.24	0.20	
	Nuddes	Ranaghat Kishnaghur	7.	0.39	1.05		0.30	0:46		90.06	0.27	1.05	***	3.47			***		0.31 0.20 0.31	0.06	The second
		Chooadanga Meherpore		0.35	1 15	0°50 1°50 1°32		0:46		1.23	0.24	0.11	2:37 1:32	2°59 1°58 1°70	=	-		0.75	0.02		
	Wheeler.	Kooshtea		0.07	0.04	1.17	•••				""	0.03	0.70	1.55			0.02	0.07	0.25		
	Khoolna	Bagirhat Khoolna		=	0°25 1°23	0.09	0.52	=		0.02		1'39	en .	5°14 2°79 3°98	=	0.09	0.03		6'23	0'11	1
	Jessore	Narail			1.08	0.30						1.30	1:11	5.u3		0.81	***	0.45	1'41	0.04	0.00000
		Jessore Jhenidah Magoorah		0 05	0°50 1°03 1°2)	0°20 0°45 0°55		=		0.44 0.36 0.10		0.21 0.21 5.08	0.70 2.13 2.03	3.91 1.40 2.78		0.06	=	0.53 5.12 5.15	*0.48		September 1
		Bongong				0.22		0.99			-:			8.71		-::			0.81		Section 1
	Moorshedabad	Kandi Berhampore Lalbagh	0.40	0.07	0-17 0'27 0'15	0.10			0.10	0.44	0.17		0.17	0.81	1.00			0.02	0.22	0.02	
		Azimgunge Jungipore		017		-			0.22	0.58			0.22	0.28 0.08 0.49		=	0.51	0.08	0°17 0°07 0°12	0.04	
	Chitterson	Lalgola	***		0.12		***			0.23	"		0.82	0.23	0.17	0.08	***	0.55	0.12		
ST BENGAL	oninagong	Cox's Bazar Chittagong Kutubdia		0.08	0.04	0°70 1°37	0.96 1.27 1.24	=				0°02 0°02	0.82 0.04	0.48	0.13	0'34		-			
	China	Satkanya	-	=	0.32	0.42	1.20								1.25						
	Chittagong Hill Tracts,	Rangamati Ruma		1.45 0.31	0.53	1.12	1.68		0.22		:::	0.08		0.09	0.14	0.20					
	Backergunge	Patuakhally										0.21		1'10				0.82	s:27		
		Perozepore Burrisal	***	***	0.48	0.13	***					0.98	***	3°15 1°85 1°61	0.35	0°14 0°56 0°62	-	0.46	1.72	***	
		Gournaddi Bauphal		0.79	0.15	0.07	0.55		-			0.79	0.20	1'61 1'67 1'73	0.14	1.03	0.05	0.14	0.18	0.14	1
	Noakholly	Noakholly		3:31	0.22	0.08	0:86					0.30		1.22	0.11	6:38	-		0:07	0.13	
		Fenny		0.80	***	1,83	2.00			***	***	0.40	0.20	1.00		1 10			1000	7	

Bengal in May 1886.

2	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month,	Heaviest rainfall during the mouth.	Total rainfall from 1st January 1886 up to 31st May 1886.	Average rainfail from 18t January up to 31st May 1886.	Station.	District.	Meteorological division.
	E	111111	0.22 0.06 0.36 0.09		0.01	2.75 0.04			0.03	6 10 2 8 2 8 2 Nil	5°3 7°3 5°0 6°1	3:37 5:85 0:86 4:74 0:53 Nii	2°62 3°50 2°20 3°24 P	2-96 2-75 0-50 2-40 0-40 Nil	5*18 7*89 5*83 8*04 3:06 2*93	5:49 6:17 5:44 8:12 P	Proree, Khurdah, Banpur, False Point, Gop. Pipli,	Pooree	ORISSA.
	5	:::::::::::::::::::::::::::::::::::::::	0.07 0.08 0.80 0.86	::		0.05 0.75 0.06 0.25	0°50 0°75 0°33 	0°37 0°18 0°35 2°50	0°11 1°40 0°22	6 10 9 7 6 8	4'8 5'3 8'6 6'1 7'7	1°51 3°97 5°44 4°26 2°52 5°93	2*59 2*51 3*23 3.78 4*04 P	0.50 1'90 1'40 1'00 0'86 2.50	4*46 10*21 11*79 7*36 5*84 11*85	5*08 5*64 6*79 6*85 8*88	Jagatsingpore. Banki. Cuttack. Kendrapara. Jajpore. Dharmsalla. Salipore.	Outtees.	
-			0.86 0.20 	0.56 0.06		1°16 0°21	0'04 1'85 		0.42	10 8 6 9 7 9	7'8 8'2 8'5 9'9 6'9 10'7	5-96 8-78 6-47 5-76 3-94 6-53	4*38 4*78 4*60 4*63 3*42 4*65	1*16 2*00 1*96 1*98 1*35 1*34	10.07 15.89 10.59 12.46 7.13 9.94	8°20 9°57 8°98 11°45 7.50 8°32	Chandbali Bhuddruck. Sorah. Balasore. Jellasore. Baripodah.	Balasore.	
			0.60 0.13	0.60	0.05 0.70 0.30 0.11 0.06 0.21 0.95 3.65 2.67	0714	131	0.90	0°02 0°55 0°55 0°90 0°12	5 7 8 11 8 4 6 9 8	6.3 8.7 6.2 8.4 8.8	4 29 3 55 7 30 7 51 8 26 5 37 6 10 10 08 7 54	4'49 4'58 4'97 5'26 5'26 9 9	1.67 0.90 3.50 2.74 6.20 2.51 1.70 3.65 2.67	9°91 10°18 10°40 8°53 10°34 8°27 8°30 12°61 11°44	8.85 5.68 10.11 9.75 9.84 ?	Contai Saugor Island. Tumlook. Midnapore. Ghatal. Devog. Horia. Bhagwanpore. Garbeta.	Midnapore	South-West Bengal
-	1.11 0.04		::	0.07 0.34 2.30 0.53 0.89	1.28 0.63 0.08 0.96	0.03 0.37 0.81		0*08	0.23	8 13 6 5 7 6	9.6 9.10.2 9.4 9.8 9.9	6.54 8.30 7.79 6.11 7.42 6.61	5°24 9 5°31 5°10 6°71 6°11	2°25 2°44 4°31 2°30 3°00 1°68	10°51 12°16 11°75 9°39 10°43 10°91	7 10.74 10.14 10.71 11.01	Diamond Har- bour. Canning Town Alipore Jail. Barrackpore. Dum-Dum. Baraset. Buseerhat.	24-Pergunnahs	
-		:	0.41	0.04 0.55 0.41 2.19	0°58 0°15 0°16 0°51	0.01	0'41	2.12		12 11 9 10	9.9 9.8 10.2	8 64 7 64 6 27	6°80 4°94 6°47 4°93	3°30 4°80 4°15 2°25	19.78 11.94 10.57 9.60	12.47 10.66 10.93 9.76	Howrah Mohesreka (Colooberiah). Serampore.	Howrah.	
- management			2.74 0.17 1.45 0.47	0.90 0.11 0.42 0.37 0.61	1°25 0°33 1°18 0°76 2°18	0.65	0.06	0°17 0°37 0°12		7 7 13 11 9 6	9	8°88 4'63 10'69 8°09 11'30 5'40	5°83 5°13 4°72 4°97 4°76 9	2.74 1.65 3.40 4.20 3.50 2.18	12.15 6.91 15.23 10.89 13.39 7.14	P	Hooghly Jehanabad. Cuina. Burdwan Cutwa. Mankur.	Hooghly. Burdwan.	
The state of the s	0.20	0°11 0°45 1°90 0°90	0°01 0°07 0°16 1°07 0°80	1.27 1.10 2.07 1.06 0.78 0.14 0.39 0.10 1.55 0.18 1.45	0°05 0°63 0°45 1°00 2°08 2°06 0°90 0°44 0°80		1'55 0'24 0'88 •0'09 1'22 0'03	0°01 1°00 2°33 0°41 0°90 1°00	0°70 0°21 6°76 0°36	11 9 11 7 12 9 5 5 5 15 8	7.4 8.0 8.0 7.5 5.6 P P P	5°10 8°01 5°34 4°13 7°67 4°72 2°60 5°16 5°96 5°19	3.40 5.41 2.87 3.25 ? ? ? ? ?	1.27 1.55 2.33 1.91 0.97 2.11 2.06 1.00 2.00 1.22 1.45	9:38 12:31 8:13 6:50 11:05 9:10 3:17 7:38 9:60 7:01	7'89 9'12 5'32 5'65 P	Raneegunge, Bankoora Bishenpore, Maliara. Khatra. Indas, Kotulpore. Anda. Gangajalghati. Raipore. Sonamukhi.	Bankoora.	
		0.83	0.75 1.31 0.53 0.50 0.67 8.12 0.16	2.05 0.65 0.84 1.09	0°83 0°05 1°16 0°40 0°42 0°81 1°78 2°70	0.05 0.29 1.89 0.10 0.76	0°40 2°91 0°48 0°61	0°24 0°09 0°32 0°05 	0°01 3°45 1°66 1°56 2°50	8 6 12 6 11 12 13	8°3 7°4 7°3 ? 6°9 10°4 9°9 8°8 10°6	4'35 3'11 4'52 8'15 9'30 8'14 15'97 10'80 10'20	3.00 3.02 2.97 ? 5.22 6.43 8.05 5.26 7.17	2.05 0.75 1.31 3.45 3.47 2.59 2.91 2.50 2.70	6.02 3.11 6.52 9.47 16.18 13.83 19.27 16.69 14.10	5.87 5.98 6.31 7 11.01 11.61 14.09 11.53 13.22	Bh. Scory Hetampore, Rampore Haut. Bolpur. Ranaghat Kishnaghur, Chooadanga, Meh-rpore, Kooshtea.	Beerbhoom.	
	111	1'50	1.29 0.28 1.26	0.32	0.28	0°11 0°19 0°40	0°03 0°07	0,50 	U.	11 7 13	9.7 9.4 10.9	9°30 5°59 10°25	6.51 6.88 6.49	5°14 2°79 3°98	19°83 13°98 16°34	13°25 13°97 13°64	Satkhira Bagirhat. Khoolna.	Khoolna.	
		11:11	0°87 0°87 3°30 4°30	0.03	0.44 0.11 1.49 	0.43 0.10 0.38 3.23	0°18 9°09 2°05 0°41	0°84 0°18 0°71	0.06 0.26 0.54	13 15 13 14 7	11.1 12.8 10.8 12.3 7.6	10°12 8°21 15 76 21°63 12°04	7:00 7:52 6:63 8:20 6:10	2.03 3.91 3.30 4.30 5.71	14:24 14:03 19:57 24:57 18:65	14°14 15°51 18°71 15°97 12°02	Narail Jessore. Jhenidah. Magoorah. Bongong. Kandi	Moorshedabad,	
	1111	0°14 0°10	0.03	0°64 0°33 0°66 0°50 1°09 0°20	1°15 1°30 0 90 0°72 1°80	0°14 0°12 0°39	0.51 0.70 0.44 0.15	0°30 0°87 0°65 1°60 1°00 1°85	0.22	12 12 11 14 10 12	81 84 71 91 68 87	5°01 5°33 4°78 5°39 5°36 5°84	4.26 4.79 4.44 4.29 4.38 4.09	1'45 1'15 1'30 1'60 1'69 1'85	8°83 8°20 7°66 7°12 7°34 8°84	7'73 9'13 7'51 7'64' 7'41 8'34	Berhampore, Lalbagh, Azimgunge, Jungipore, Lalgoia,		
10 00 00 00 00 00 00 00 00 00 00 00 00 0	0°20 0°28 0°08 0°25		1'46 0'75 2'66 1'00	0.61 3.05 0.41 0.86	1:30 2:03 1:64 1:71		1111	0.00 0.05 0.05 0.50	0.02 0.02 0.08 0.08	12 17 13 13	12:3 11:9 ? P	7:70 11:56 6:85 8:93	10°55 9°09 P P	1.46 3.05 2.66 1.71 1.68	15.08 19.29 14.49 14.06	15:83 17:25 P P 18:41	Cox's Bazar Chittagong. Kutubdia. Satkanya. Rangamati	Chittagong	BAST BENGAL.
24 185 ST 18	0.21	0.70 1.50	1.24 1.30 0.30	0.64 2.31 0.02 1.30 0.29	0°29 0°34 0°18 0°74 0°28	0°08 0°43 0°09 0°46	0°18 0°39 0°74 0°58 0°16	0°07 0°25 0°56 0°07 0°05	0°25 0°07 1°07 0°02 1°74 0°32	16 16 10 14 16 17	13.5 11.6 10.5 14.1 14.1	9.43 9.83 12.43 10.14 8.66	8°44 6°86 7°74 7°82	1'96 2'81 8'27 1'85 1'61	19°35 16°78 17°96 17°53 15°53	14:70 12:82 15:27 14:35	Ruma. Patuakhally Perozepore. Burrisal. Bhois.	Hill Tracts. Backerguuge.	
1 1 1	0.44	0.61	2.06 0.06 0.00	0°11 0°77 0°18	0.02	0.68 6.40 0.75	0.77 1.83	0.62	0.11	16 19 15 10	12·1 14·8	8.80 8.80	9·52 11 18	2.00 1.83 3.81 2.00	15.58 20.48 25.18 21.40	P P 17:86 20:34	Gournaddi. Bauphal. Noakholly Feuny.	Noakholly.	

Table of Rainfall recorded at Stati

y en																					
Meteorological division,	District.	Station.	1	2	8	•	5	6	7	8	9	10	11	13	13	14	15	16	17	18	
East Bengal -concid.	Noakholly-	Harishpore		1.60			2:30							1.01	0.30						<u> </u>
-concia.	concid. Furreedpore	(Sundip). Ramganj Madaripore Furreedpore Goalundo	:::	1.77	0°55 1°48	0°31 0°12 0°60 0°45	0.46	:::	:	::	0°81 0°45 1°05 1°50	0°51 0°97 1°25	0.03 1.54 2.40	1.61 1.72 1.18 0.40		0.15	0.20	0°28 0°46 0°80	0°21 0°14 0°18	-X	
	Dacea	Munshigunge Dacca Narsingunge Manickgunge Joydebpore	0.22	0°33 0°51 0°41 0°78 0°09	0.42	0°85 0°81 0°92 0°73 0°28	0°13 0°11 0°09 0°04 0°68		=	::	0°90 0°54 0°52 0°39 0°14	0°70 0°26 0°19 0°50 0°86	1.23 1.60 1.45 0.39 0.54	0°80 0°96 0°51	0.20 0.21	-		0°53 0°91 1°45 1°57 0°54	0.07 0.08 0.10		
	Hill Tipperah	Agartola		0.80		0.92	3.32				***	1:28	0.76	0.47		0.62					1
	Tipperah	Comilla Chandpore Brahmunberia Ramchandra- pore.	:::	0.04 1.46 1.12	0°25 1°90 0°23	1.11 0.10 0.20 0.22	1°91 0°10 5°19 1°40			::	0°83 0°90 1°13	0.25 0.25	1'84 1'82 1'40	1'09 2'00 0'32 0'48	::	0°23 1°30 0°25	=	0.30	0.12	-	1 1 1 1
		Nasirnagar Daudkandi Kasba Laksham		0°30 0°25	0°35 0°14 0°30	2.74 0.23 0.42 0.42	2:74 0:34 4:32 1:61				0.20	0.72 0.62	0°24 1°19 0°52 0°33	1.64 0.75 1.62 1.82	::	0.95	=	=	0.97	=	
	Mymensingh	Kishoregunge Atin (Tangail) Mymensingh . Jamalpore Netrokona Subornakhally	0.25	0.38	0.03	2:17 0:19 0:88 2:80	0°21 2°68 0°80 2°70 0°50			0.01	1 62 0 02 0 30	0.79	1'62 0'21 1'46 2'00 0'56 0'44	0.01 0.10 0.08 0.02 0.02	0.06	0.09		1.01 0.70 0.26 0.64	0°31 0°52	111111	111111
		Dewanganj	encyptons,	0.22	0.39	0.08	0.87		1				0.63	0.15				0.31			0.24
NORTH BENGAL	Tuous	Pubna Serajgunge	=	G*07	0.65 0.48	0.19	0.09	::	=	0.36	0.56	=	0°54 0°46	0°72 0°07 0°05	=	=	:	0·32 0·23	1.39	1	
	Bogra	Sherpore Nowkhilla Bogra Panchbibi	0.10	=	0°42 0°49 0°14	=	0.02	=	=	0.65	1.58 0.80 0.15	-	0:43 0:62 1:35 1:31	0°07 0°14 0°41	=	=	=	0.78 1.80 0.64	1'35	1111	045
	Rajshahye	Beauleah Nattore Naogaon Lalpore Manda	-		0.09 0.32 1.10 0.09		=	:	0.17	0°17 0°20	=		0.70 1.60 1.02 1.15 2.00	0°17 0°25 0°79 0°32	=		=	1.00 1.50 0.58 1.78 1.10	0.02	0°38 0°13 0°11	
	Maldah	Maldah Chanchal Gajol Sibgunj	::	=	0.39	::	::	==	0.38 0.38	0.07	::	=	0.49	0°32 0°09 0°42 0°75	0.52	=	0.92	1.60 1.22	0.19	0.51	0.83
	Din*gepore	Mohadebpore Churamon Raigunge Dinagepore Baloorghat	0.03	0°04 0°14 0°05	0.02	0.21			0°07 0°25 0°36	0°07 0°26	0.24	1.40		0.86 0.12 0.12 0.22 0.34		0.62	0.04	0-67 2'36 0'74 2'93 1'78		0°84 	
	Rangpore	Bhawaningunge (Gyabanda). Rungpore Kurigram Bagdogra (Nilphamari). Ulipore	0.46 1.38 0.14	0°52 0°22 1°00 0°46 0°30	0°36	0°12 0°59 0°60 0°66	0·48 0·15 \$72 		0.08	0.85 0.18 0.22			0°23 0°62 0°41	0°82 0°£0 0°26 0°19 0°65		-		1.90 1.01 0.50 1.95	1111		0.88
	Julpigoree	Julpigoree Alipore Doar	0.66	0.51	0°47 2°42	0.64			0.15	0.11	-	0.35	1'48 0'61	0.20	0.55	=	=	0°24 0°02		-	13
	Cooch Behar	Falacutta Dinhatta Cooch Behar Mickligunge Matabhanga	0°21 0°45 0°05 0°84 0°19	0°29 1°22 1°25 0°81 0°80	3°26 1°12 2°37 0 72 1°30	0°67 0°45 0°72 0°55 0°75	6'11		0°03 0°85 0°30	0°13 0°82 0°15		0.30	1'06 0'65 0'85 0'58 0'74	0°32 0°53 0°45 0°68	0°04 0°15 0°09 0°07	=======================================		0°15 0°07 0°09			0.56
17	Darjeeling Hill	Buxa Siliguri Darjeeling	0°56 0°25 1°04	0.02	3°28 0°08	0.88 0.98		::	0.27	0.01	::	0.44	2:07 0:25 0:51	1.31	0°17 1°29	=	::		0.40	0.07	0.02
. Мовти Винан	Purneah ,.	Kalimpong Kissengunge Arrareah Purneah Gandwara Bilarampore Matiari Kaliaganj ,,	0.04	0°48 0°52 0°20 	0.02	0.05 0.21 0.29 0.58		11111111	0°14 0°36 0°19 0°49 1°40		11111111111	0.55	0.18	0°19 0°04 0°40 0°40	1.97			1.04 1.80 0.03 0.23 0.39 1.20	0.06	0.24	114
	North Bhagul- pore,	Maddapore Soopool Protabgunj	0.46	0.40 0.22	::	0.02		::	0°05 0°06 0°35				0.03	0°16 1°01 0°75		-		1.65 1.20 0.25	:::	:::	Section 2
	Durbhunga	fajpore Durbhunga Madhubani Bahera	::	0°07 0°27	=	::	::					=	0.08	6'02 0'72 1'54 1'45	::			0°56 1°00 0°65	0.34	1111	Transport
	Mozufferpore	Roshera Sitamarhi Mozufferpore Hajipore Paru Mahua		0.36					0.50				0°13 	0°75 0°60 0°20 0°43 0°15 0°50			0.04	0:98 0:85	0'40 0'29 0'25 0'35	0.05	A STATE OF THE PARTY.
	Chumparun	Siuhar Pupri Motihari Bettiah Bagaha Burhurwa	0.22	1'45 0'40 0'22	 0°15		11 11	0°17 0°54 0°74	11 11		H 11 C		0°16 0°15 0°08 0°27 0°12	0°85 1°22 0°84 1°64 1°07 0°86	11 111	11 111	111111	0°20 2°74 0°33 1°32 2°04 0°64	0°50 0°61 0°79 0°39 0°62 0°14	0.772	
	Sarun	Gopalgunge Sewan Chupra		=				0°65 0°09	:::		111	1 11	0.02	0°31 0°51 1°63			1111	2.02 0.15 	0.49 0.09	111	

Bengal in May 1886—continued.

1		Yes est								ay.	Jo	the	lor	154	1885	und n d n d n	1	1	
13	28	24	25	26	27	28	29	30	31	Number of rainy days.	Average number rainy days.	Total rainfall for the	Average rainfall for the month,	Heaviest rainfall during the month,	Total rainfall from 1st January 1886 up to 31st May 1886.	Average rainfall fre 1st January u to 31st Ms 1886.	Station.	District.	Mateorologic division.
	-	0:01			3:40	0.70	***	0.35	0.50	10	?	10:04	P	3.40	20.74	?	Harishpore	Noakholly-	EAST BENGAL
03	1.04 0.18 0.27	0°10 0°27 1°55	0°85 0°52 1°95 0°55	0.86	0°34 2°30 0°85	2·12 2·35	0.57 0.12 0.15	0°11 0°45 0°25	0.28 0.03	16 16 15 14	9 11'4 12'9 11'1	12:33 7:48 15:70 13.73	9·43 8·77 7·81	3°31 1°72 2°30 2°40	19:33 11:80 18:28 18:80	7 17:50 17:07 15:08	Ramganj. Madaripore Furreedpore. Goalundo.	Furreedpore.	-concld.
	0.08	0°15 0°36 3°37 0°61	2.60 0.31 1.04	0°32 0°26	0.55 0.55 0.01	1'45 0'45 1'79 0'51 0 94	0°35 0°46 6°39 0°03	0.09	1°16 0°94 0°47 0°07 0°06	15 13 18 14 19	11'6 13'1 15'5 12'4	11'95 7'62 10'81 9'88 6'15	9.66 9.21 9.72 9.16 ?	2'60 1'60 1'79 3 37 0'94	21.85 19.18 19.98 18.08 11.74	20*31 18:79 18:00 16:41	Munshigunge. Dacca. Naraingunge, Manickgunge Joydebpore.	Dacca.	
30	0.52	0.29	0.12	0.15	0.26	0.10	1.75	0.50		16	13'3	12'38	10.86	3.85	22:35	21:87	Agartola	Hill Tipperah	
19 90 25	0.50	0°85 0°40 1°36 0°26	1.28 1.45 0.36 1.40	0.50	0°50 0°45	2:32 0:10 0:35 1:20	0°72 0°90	::	0.80 0.12	14 12 14 16	14.5 13.1 14.0 9	12.60 10.85 13.98 11.48	10°60 10°28 10°97 P	2°32 2′00 5°19 1′40	21.45 17.38 23.94	21°54 19°27 22°11 ?	Comilla Chandpore, Brahmunberia Ramchandra-	Tipperah.	
77	::	0.08 0.66 1.24	0°17 1°02 0°05 1°86	0.30	0'14	1:11 0:35	0.03	0.09	0.08 	9 15 13 7	9 9	9:85 7:50 14:13 6:75	9. 9. 9.	2.74 1.19 4.32 1.86	15*29 25 13 15*07	9.9.9.0.	pore. Nasirnagar. Daudkandi. Kasba. Laksham.		
	0.04	0.61 0.26 0.25 1.05 0.58 0.78	0°19 0°80 0°60 1°00 0°60	0.20	0°71 0°58 0°50 0°13	1.11 0.69 1.00 1.05 0.55	0.73 0.95 0.50 0.60	0°22 0°25 0°30 2°15 2°20	0'22 0'41 0'15 0'60 0'50 0'69	10 11 18 11 13 13	18°5 10°5 15°3 11°2 16°7	8'46 5'96 9'76 7'00 11'23 7'93	10°50 7°28 11°80 8°86 11°05 ?	2°17 1°62 2°68 2°00 2°80 2°15	14.80 10.81 14.14 10.88 15.11 9.94	19·64 13·69 20·97 14·99 17·05	Kishoregunge. Atia (Tangail) Mymensingh. Jamaiyore. Netrokona. Subornakhally Durgapore.	Myriensingh.	
ent .	0.28	0.09	0.24 0°34		0.31	1.85	0.13	0.62		15	10'9	12°70 8°17	7.08	1.85	14.79	13.60	Dewanganj. Pubna	Pubna	NORTH BENGAL.
-		1.52 0.10 0.13 0.17	1.35 1.89 1.88 1.08	0.80 0.27 0.09	0°50 0°35 0°42	0.04 0.13 0.15	1°52 0°45	1.65 2.20 0.90	0.53 0.13 0.13	15 8 14 13	10'5 12'0 11'6 12'0	7.65 10.81 8.71	7.63 8.65 7.75 8.65	1.65 2.20 1.88	9°44 13°97 10°29	12'84 12'51 11'85 14'24	Sherpore Nowkhilla, Bosra,	Bogra,	*
 6765	0.33	0°38 0°15 0°64 0°11	0°27 0°18 0°76	0°23 0°55 1°00 0°11	1.66 0.69	0.09	1.07	4.21 1.20 0.75 3.00 2.52	0.15 0.38	14 13 7 11 13	7.7 10.0 8.2 P	6.63 7.16 8.33 9.54	6.81 6.81	1°20 1°63 3°00 2°32	9°50 8°95 9°55 11°23	3.69 11.50 5.63 10.05	Panchbibi. Beauleah Nattore. Naogaon. Latpore.	Rajshahye.	
		0.49	0.18	0°89 0°15 0°15	0.05 0.11	1.30	0.27	0.07 1.20	1.50	9 9 7 5	? 7.6 7.1	6.20 4.16 3.19 3.41	3 64 4 65 ?	2'00 1'50 1'60 1'22	7.57 6.65 4.10 5.93	7:29 7:25	Manda, Maldah Chanchal. Gajol.	Maldah,	
 M5	0'48	2.00	1'50 0'11 1'60	0°09 0°50 0°47 0°23 2°56	0°09 0°25 0°74	0.24	0.69	2.00 0.45 2.48	1'09	9 8 9 17	8'3 6'3 7'1 9'8	7°30 7°31 4°39 5°92 15°87	5°93 5°84 5°77 7°23	2.00 2.36 3.84 2.93	8 13 8 71 5 60 6 32 16 81	8°39 5°33 8°31 11°00	Mohadebpore Churamon, Raigunge, Dinagepore,	Dinagepore.	
101		0.64	2.35	0.17	1.86	0.12	0.14	2.54		30	7.3	7.86	4.70	2'24	10.19	6 37	Baloorghat.		
	0.33 0.52 1.16	0.05 1.54 1.75	1'29 2'46 1'60	2.01	0°37 0°51 0°29	*	1.80 1.84 2.21 0.55	1'87 4'60 2'91 1'59	0.66 0.21 	16 15 18 15	10°2 12°8 16°1 11°0 P	13°04 13°17 20°96 15°48 19°76	8°55 10°44 13 80 11°01	4'60 2'91 2'21 2'83	16°65 16°34 26°67 16°73 22°51	18'22 15'18 20'28 16'19	Bhawaningunge (Gyabanda). Rungpore, Kurigram, Basdogra, (Nilphamari). Ultpure,	Rungpore.	
0°44 0°20 0°31	1°38 1°55 0°33 0°52 1°10 1°22	0°17 0°24 0°86 0°21 0°35 0°11	0°48 0°23 1°55 0°61 0°40 0°72	0°85 1°90 1°85 0°02 0°35	0°48 0°03 0°25 0°23 0°65		0°44 0°30 0°04 0°72 1°34 0°25	0 35 0 49 0 59 0 10 2 32	0.55 6.11 6.64 0.25	16 17 18 18	14·0 1 17·1 16·8 13·6	10.01 12.80 13.38 8.95 11.50 12.01	11·21 9 9 14·37	2.87 2.92 3.26 1.22 2.87 2.32	12°22 17°98 17'85 14°74 14°32	17:43 9 20:98 22:34	Julpizoree Alipore Doar. Falscutta Dinhapta Coocu dehar. Mickligunge.	Julpigoree. Cooch Behar.	
142 186	0°59 2°04 0°36	0.06 2.10 0.24	0°58 1°34 0°47	0°99 0°78 1°66 2°64	0°39 0°24 0°48 0°69	1.13	0.00 5.58	0.08	0.12	19 19 15 16	18'6 18'0	9°84 16°13 8°27	20.99 8.44	2.78 3.58 2.10	17.63 14.76 22.57 12.34	19°03 20°23 34°58 10°21	Buxa Siliguri.	Darjeeling Hil	
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leteorological division.	District.	Station.	1	2	8	٠	ь	6	7	8	9	10	11	12	18	14	15	16	17	18	
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		Gogri Sheikpura	***					***					***			***	0.65	***	***		
		Bhagulpore	100	0.53			क्षेत्रह <i>ा</i>							0.35							
	South Bhagul- pore,	Banka							****		***			0.10	***	****	***		1'52	***	
	pore,	Kolgong	***	***	***	***			0.50	***	***				***			***	***	***	
*	Sonthal Per-	Rajmehal						***	0.25					2.33	***			1.31	0.35	0.10	ļ
	gunnaha.	Godda Pakour	0.10	***		***			0.11		***		0.12	0.20		***	***	***	0.53	***	
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		Raghunath-							***		•••		***	0.71	***			***	0.01	***	
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		Jhalda	***	0.35	0.16		***	***						0.76		***			0.97		
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pengal in May 1886—conci

22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the mouth.	Average rainfall for the month,	Heaviest rainfall during the month.	Total rainfall from 1st January 1886 up to 31st, May 1886.	Average rainfall from 1st January up to 31st May 1886,	Station.	District,	Meteorologica division.
			0°42 0°20	0°50 0°26 0°32	*	0.08		::		1 4 2 3 Nii	2.8 ? 1.9 3.1 3.4 ?	0°56 0°30 1°86 0 56 1°22 Nil	0°73 ? 1°04 6°96 1°27 P	0°24 0°30 0°54 0°30 0°70 Nil	0°97 2°11 3°11 2°18 1°83 0°10	2.21 9 2.92 2.34 3.68		Shahabad	SOUTH BREAK,
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ALEXANDER PEDLER,

Offg. Meteorological Reporter to the Goot, of Bengal.

METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF MAY 1886.

The normal meteorological conditions in Bengal during May are to a considerable extent similar to those of April. There is the steady and increasing difference of temperature between the land and the sea area, and in this month this difference attains almost its maximum. The area of maximum temperature during May includes the western districts of South Behar, the North-West Provinces, Rajputana and Central India. With the increasing temperature of the land surface, the southerly winds blowing from the Bay of Bengal strengthen considerably, and awing to the physical obstacles of the hill systems to the east and north of Bengal, they appear as south-easterly winds in East Bengal, and as easterly winds in North Bengal. At the same time, however, the usual hot, dry westerly winds are blowing over considerable portions of Behar and Chutia Nagpur, and thus during May, as explained in previous mouthly reports, conditions are favourable to the production of the local storms called nor westers. These, it is probable, are produced by the action of the opposing winds in elevating the moist sea breezes, and by this ascensional motion their water vapour is condensed, and sufficient energy is at the same time liberated to produce the well-known effects of these storms.

The southerly breezes which blow during this month at the head of the Bay are

The southerly breezes which blow during this month at the head of the Bay are of considerable strength, and in fact, at Saugor Island and False Point, the wind velocities measured in May are generally greater than those during the actual rainy season, but there is reason to believe that during May the current is of comparatively small depth compared to what it is during the actual monsoon period. These winds, however, carry considerable amounts of moisture into East and North Bengal, and in the neighbourhood of the hills ascensional movement takes place, followed trequently by local storms and by heavy rainfall. This action will account for the large rainfall which occurs during this month in the

northern and eastern districts of the Province.

During May the distribution of the normal rainfall is simple, and the lines of equal rainfall run nearly north and south through the Province, or rather almost parallel to a line joining the Chittagong Hill Tracts, the Tipperah Hills, the Garo Hills, and the Darjeeling Hills, the largest amounts being received in the eastern and northern districts, and smallest amounts in the western districts. Thus the average rainfall of the month is less than 2 inches in the southern parts of the Sarun and Mozufferpore districts, the Gya and Shahabad districts, and the western parts of Chutia Nagpur. To the east of these districts, up to a line running nearly north from the mouth of the Hooghly, the rainfall increases from 2 up to 5 inches. To the east of this, up to a line passing through Rungpore, Jamalpore, Mymensing, Bramunberiah, Comilla, and Cox's Bazar, the average rainfall increases eastwards from 5 to 10 inches. To the east of that line it exceeds 10 inches, and increases rapidly in amount towards the Garo and Khasia Hills and towards the Dooars, and at Buxa in the Western Dooars the average rainfall in May is no less than 21:58 inches.

The meteorology of May is generally rather important for about the second or third week, the south-west monsoom makes its appearance in the south of the Bay, and gives heavy rain and fairly strong winds at the South Ceylon stations. The monsoon current gradually creeps up the east of the Bay, and rain sets in along the Arakan coast towards the close of the month, and it afterwards spreads into East and North Bengal early in June.

In the front of the advancing monsoon current frequently cyclonic storms arise, which are sometimes small and feeble, and at other times larger and of considerable intensity. When these cyclonic storms are formed quite in the south of the Bay, they usually advance towards the Madras coast; but when the storms originate rather later, that is, when the monsoon current has advanced well into the centre of the Bay, the storms which then form appear usually to advance either towards the Arakan coast or towards the South Bengal coast.

Meteorology of the month.—The principal features of interest in the meteorology of the past month have been—

 That pressure has been decidedly above the normal for the greater part of the month;

t. That temperature was decidedly above the normal for the first third of the month, and largely below it for the remainder;

3. That there was a period of extremely disturbed atmospheric conditions of about a week in duration from the 12th to the 18th, during which rather heavy and decidedly general rain fell over the province;

4. That there was a rainfall decidedly in excess in all districts;

5. That the commencement of the monsoon in the south of the Bay, i.e. the first and preliminary advance of strong winds at the Ceylon stations, was noticed from about the 8th to the 11th of May, and that a second advance took place about eight or ten days later.

For the first ten days of the month the weather conditions in Bengal do not call for any particular comment; ordinary hot weather conditions obtained, accompanied by a few local storms or nor westers, which gave a small amount of rainfall to the province, but by no means equal in amount to the normal. At this time the air was very dry over the western parts of the province, and at 10 A.M. on the 10th at Buxar the saturation was only 10 per cent. of the possible amount, at Hazaribagh it was only 11 per cent., and at Dehree and Patna

it was 17 and 18 per cent. respectively. This represents an excessive dryness of the atmosphere. From the 10th, however, winds became more easterly at the northern stations, while strong southerly winds set in at the southern stations, and brought up considerable amounts of moisture. At Darjeeling, too, on the 10th, a strong north-easterly wind, averaging 20 miles an hour, was reported, and this northerly current appears to have extended, and on the 11th it embraced the whole of North Bengal and North Behar and parts of South Behar and Chutia Nagpur. As moist southerly winds were blowing over the southern and central parts of the province, and dry northerly and north-easterly winds over the northern parts, the meeting of the opposing wind systems caused a large amount of interaction and interference with the necessary result of ascensional air motion and heavy rain. For a period of about a week these disturbed conditions continued in a more or less pronounced form, and during this time rain was general over the greater part of the province and in many cases it was heavy. A period of ordinary hot weather conditions then succeeded to this disturbed period, and showers became much less numerous.

At about the period when these disturbed conditions were setting in over Bengal, a rather feeble advance of monsoon winds was taking place in the extreme south of the Bay, as shown by the high wind velocity at Galle. The advance did not, however, seem to progress far into the Bay, and shortly afterwards it died away. A second advance was noticed from about the 18th of the month, when strong winds and heavy rain were recorded at the Ceylon stations. At Galle, in particular, on the 18th and 19th of the month, 8 inches of rain were recorded. These monsoon winds continued to below strongly, and in certain cases to increase in force up to the morning of Sunday, the 23rd instant, when it was clear that a small cyclonic storm had formed off the South Madras coast, and some little distance to the south-east of Madras. By 10 a.m. of the 24th the storm had advanced over the coast line between Negapatam and Madras, and the centre of the storm, which probably passed not very far south of Pondicherry, was almost on the coast at this It was a storm of considerable diameter, and it affected a considerable part of the coast, though the actual size of the central hurricane part appears to have been small, and the central calm was only a few miles in diameter, while at the centre the lowest barometric reading, as shown by the log of the S. S. Tibre, was about 29 inches. By the morning of the 25th the small storm had entirely passed inland, and probably had crossed the Peninsula.

The moist southerly current, in front of which the storm just described had formed, apparently continued its advance up the Bay, and more particularly along the east coast, and on the 26th and 27th there were indications that an extremely feeble cyclonic circulation had been set up by the advancing current over the centre of the Bay. At this time a moist southerly ard south-easterly wind current advanced over Bengal, giving rise to general rain in almost all districts of the province. This appears to have been a kind of preliminary advance of moist southerly winds, pushed forward by the strong winds blowing in the south and centre of the Bay, and it cannot in any way be considered to have been the commencement of the monsoon in Bengal, notwithstanding that the current gave good general and rather heavy rain to almost the whole province from about the 25th to practically the end of the month.

Pressure—At the commencement of the month was only very slightly in excess of the normal, and for the first week the mean pressure was in excess by only 0.002". At the commencement of the period of disturbance previously mentioned, a rapid increase of pressure took place, which more than neutralized a slightly defective pressure which had previously been recorded, and for the third week of the month pressure became 0.1" above the normal, but during the fourth week the excess had fallen to 0.062". For the whole month, and for the whole Province, the mean pressure has shown an excess of 0.03" above the normal, and this excess is fairly evenly distributed, for the extreme variations in the districts are from an excess of 0.036" in East Bengal to one of 0.024" in Orissa.

Temperature—At the commencement of the month was rather considerably above the normal, the mean excess of 1.5° being recorded for the first week. Temperatures in excess of the normal continued to be recorded, the excess in some cases being as great as 5° to 7°, till the heavy rainfall brought about by the disturbed conditions above described, caused an extremely rapid fall to be registered. Thus at Calcutta from 4 P.M. of the 12th to 4 P.M. of the 13th the fall of temperature was no less than 26°. After the rainfall, temperature became largely below the normal on the 13th, and at such stations as Berhampore and Jessore the mean temperature was 15° below the normal, while at Burdwan, Dacca, Patna, and Gya the defect exceeded 9°. This comparatively large defect slowly decreased, and for the third week over the whole Province the mean temperature was 2.8° below the normal; and in the fourth week it was only 1.7° below it. For the whole month therefore temperature has been 1.1° below the normal for the period, though the largest defects, amounting to 2.7° and 1.5°, have been recorded in South Behar and Chutia Nagpur respectively.

Rainfall.—The periods of the most general rainfall during the month have already been alluded to in the previous summary, and it therefore only remains to describe its distribution over the province. For the month, rainfall has been in excess in all districts. The largest fall has been received in East Bengal, which records 10 30 inches, against the normal fall of 9:45 inches. This division has therefore received a fall equal to 109 per cent. of the

normal. North Bengal has received 9.64 inches, against the normal 8.30 inches, and has therefore received a fall equal to 116 per cent. of the normal. South-West Bengal has received the large fall of 7.83 inches, while the normal for the month is 5.11 inches. This represents a percentage fall of 153. Orissa has received 4.66 inches, the normal amount being 3.59 inches, and thus the division has received 129 per cent. of its usual fall. North Behar has registered 4.46 inches, while the normal is 2.74 inches, and has thus received no less than 163 per cent. of the usual fall. Chutia Nagpur averages 3.10 inches of rain, the normal being 2.41 inches, which represents a fall of 128 per cent., and finally the smallest amount of rain has been received by South Behar, which registers 2.80 inches against 1.98 inches, and this division has therefore received a fall equal to 141 per cent. of the normal. Taking all the provinces as having an equal value, it may be said that the rainfall of the whole province generally has been about 34 per cent. in excess of the normal.

The rainfall has, however, been decidedly irregularly distributed in various parts of the respective divisions, and instead of the lines of equal rainfall running nearly due north and south as described under the normal rainfall for the month, the lines of actual equal fall during May are very contorted, and it can only be said in a general way that they have the direction north and south. The eastern districts of the province have generally received a fall in excess of ten inches, while the western stations, such as in Shahabad, have received less than one inch. When the actual fall, however, is compared with the normal for the period, the distribution appears rather less irregular. It is then seen that there are two distinct tracts of country which have received a rainfall below the normal for the month. The first is a band running almost east and west and averaging perhaps fifty miles in width, which is situated some little distance from the foot of the Himalayas, but which in the Darjeeling and Julpigoree districts runs into the hills themselves. This band of country starts in the west in the Shahabad district, where it is defined by such stations as Buxar, Arrah, and Sasseram: it then takes in part of the Patna district as shown by the stations Behar and Barh. It includes part of the Monghyr district as shown by the station Begooserai, small parts of the Durbhunga, Bhagulpore, Purneah and Maldah districts, and the whole of the Julpigoree and Cooch Behar districts, and Kalimpong in the Darjeeling Hills. The second area of diminished rainfall is to be found in the east of the province, and it includes almost the whole of the Mymensingh district, parts of the Pubna and Bogra districts (Serajgunge and Sherepore), parts of the Dacca, Furreedpore, Noakholly, and Chittagong districts, as shown by the stations of Dacca, Madaripore, Fenny, and Cox's Bazar. The defect is rather large in the Cooch Behar, and probably in parts of the Julpigoree district, where in some cases it amounts to over 4 inches. It also exceeds two inches in parts of the Mymensingh district, but with these exceptions the defective falls are not large.

Except in these districts and at a few isolated stations, the whole of the province has received an excess fall varying generally up to about two inches, but there is one centre of excessive precipitation in Central Bengal, where Chooadanga has received about eight inches in excess of the normal, and Jhenida nine inches in excess, and again Magoorah 13 43 inches in excess. Culna and Cutwa in the Burdwan districts have also received about

six inches of excess rainfall during May.

The following small table will show the monthly rainfall over the whole province, from the commencement of the current year, compared with the normal fall for the same period. The numbers which are given are calculated out as percentages of the normal fall; thus 100 will represent a normal fall, a number larger than 100 an excess fall, and so on:-

January.	February.	March.	April.	May.	Actual rainfall for first five months ex- pressed as a percentage of the normal fall for the period.
122	4	444	5	129	124
71	1	240	30	153	117
23	0	180	80	109	103
3	31	126	45	116	95
35	18	92	84	163	108
	34		26	141	108
• 24	2	196	26	128	103
	122 71 23 3 35 28	122 4 71 1 23 0 3 31 35 18 28 34	122 4 444 71 1 240 23 0 180 3 31 126 35 18 92 28 34 237	122 4 444 5 71 1 240 30 23 0 180 80 3 31 126 45 35 18 92 34 28 34 237 26	122 4 444 5 129 71 1 240 30 153 23 0 180 80 109 3 31 126 45 116 35 18 92 34 163 28 34 237 26 141

Up to the present date the whole of the province has received a rainfall slightly in excess of the normal since the commencement of the year, except North Bengal, where the fall has been about 5 per cent. below the normal. Orissa has received the largest excess fall, amounting to 24 per cent, while South-West Bengal has received 17 per cent. in excess. In all other meteorological divisions the variation from the normal does not amount to 10 per cent.; ever the whole province for the first five months the general rainfall has been about 8 per cent. in excess of the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of May 1886:—

		*	T	EMPE	RATUR	В.				R.	LINEAL	LL.			
		month.	month.		rages month.		h above month.	0	of mon	th.	Rain	y days		Since:	
METEOROLOGICAL DIVISIONS.		Highest observed during month.	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of month above or below normal mean of month.	Average."	Normal average.	Variation.	Average number in month.	Normal average number in mouth.	Variation.	Average,	Normal average.
Orissa		106.4	69-4	93.1	78*4	85*7	-1.0	4.66	3.29	+1.07	7.5	7.2	+0.3	2.22	1.84
South-West Bengal		109.0	65*8	95'5	76.9	86'2	-07	7*83	5.11	+2.73	10.0	8.8	+11	3'85	2'41
East Bengal		98.2	65.2	89*7	74'6	82*2	-0.6	10.30	9.45	+0.85	141	13.0	+11	4.83	4.4
North Bengal	,,,	102'4	64.1	90.8	71'8	81.3	_	9.64	8*30	+1'34	13.4	11'0	+2.4	6.92	4190
North Behar		106.0	61.8*	95.6*	74'9*	85 3*	-0.4*	4.46	2.74	+1.72	6.8	4.7	+21	3.01	1'3
South Behar		109.6	61-09	97'8	75.7	86.8	-2.7	2.80	1.98	+0.82	5'5	3.9	+16	2.05	11
Chutia Nagpur		104'5†	58 91	95.7†	72.94	84'31	-1.2+	3.10	2.41	+0.69	7.5	6.0	+1.2	2.85	17

* Purpeah not included

MRTEOROLOGICAL OFFICE, BENGAL.

The 15th May 1886.

ALEXANDER PEDLER,

Offg. Meteorological Reporter to the Gant. of Benoal.

Meteorological Report of the Province of Benga

2018		-					100			STAT	ION OB	SERVAT	10 N S.	22-21-51			
					AIR	PRESSU	RR.	WIND	.			*	TR	MPRRAT	URB.		
	DISTRICT.	.Ab	Represents station		Mean harometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	revalling direction.	Mean wind velo-	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily tem- perature of week.	Variation from normal mean of week.
		5	Gopalpore		29.646	29.696		*ssw,	110	92.7	8th June	79.8	10th June	90.5	82.4	86.3	-
1	Pooree		False Point		29.659	29.680	005	Calm SSW	178	94.0	6th "	73'1	iith "	91.7	79.2	85'5	-0'1
	Cuttack	***	Cuttack		29.583	29.663	+'012	SW, calm	58	98'4	8th "	74:3	5th "	96'4	78'0	87.2	-2.2
	Balasore		Balasore		29.637	29.695	-	NE	89*6	89.8	5th ,,	72.3	7th ,,	95.3	74'9	85.1	-
r	South-West Midnap	ore	Course Intern		29 633	29*659	009	DOW	047	94.2	***	79.5	loth	91.9	82.2	87.0	
	South 24-Pergunnah	19	Saugor 1slan	u	20 000	20 000	- 000	SSW	247	94 2	5th ,,	100	leth "	01.0		0,0	+0.6
11	Midnapore	***	Midnapore		29.524	29.672	-	s	80.4	106.9	5th ,,	79.5	9th ,,	100.3	81.1	90.7	-
1	24-Pergunnaha	?															
	Howrah	}	Calcutta		29.650	29.671	+*040	8	110	99.2	5th ,,	76 2	9th ,,	96.0	79.3	87*/	+2'2
Н	Hooghly																
97.1	Burdwan		Burdwan		29.574	29.673	+ .031	SSE	89	103 2	5th ,,	78.4	8th, 9th June.	97.4	79.9	88'7	+1'8
3	Bankoora		Bankoora		29°346	-	-	SE	59	105'1	5th ,,	80 5	8th, 9th June.	99.8	81'4	90'4	-
1	Beerbhoom	}	Raneegunge		29:332	_	_	SE	121.2	106.5	5th ,,	80'8	8th, 9th,	102.5	81.7	92 0	
	West Burdwan	ز	Mancegunge	•••				S.E.	121 0	1000	ben ,,		11th June.				
	Moorshedabad		Berhampore		29*604	29*671	+ '028	SE	91.7	102.7	5th ,,	69-2	6th ,,	56,1	78.1	87.1	+0.5
	Nuddes	•••	Krishnaghur		29-624	-		SE	94.0*	100.3	5th ,,	76.8	6th, 9th June.	96.7	78'4	87.5	-
	Jessore	··· }	Jessore		29.652	29.685	+*021	ssw	101.7	97.8	5th ,	76.9	6th, 9th	95.6	79.8	87:7	+2.0
	Khoolna :)		-							otn "		June.				
1	Chittagong	***	Chittagons		29*636	29.725	001	SSE	82	89.1	7th ,,	74.0	8th ,,	85.6	76.6	81.1	-08
	Chittagong Hill Tra	ots	Demagir						Obse	rvation	not rece	ived.					
20000	Backergunge	***	Barrisal		29.689	29.701	-	SE	78.3	92.3	7th Jun	e 764	8th June		78.6	83.2	-
	Noakholiy	•	Noakholly	***	29.676	29.720	-	Calm	9	90.7	7th ,,	74'8	8th ,,	87.4	77.7	82.6	-
	Furreedpore	***	Furreedpore	•••	29 659	-	-	8	216.2	94.0	8th ,,	72.4	9th ,,	90.8	76.8	83.8	-
	Dacca		Dacea		29.675	29.697	+.031	SSE	127	93.8	8th .,	75'1	8th ,,	89.6	78.3	84.0	+0.1
1	Tipperah		Comillah	***	29.6227	29.658?	-	ESE	76.8	93.3	7th ,,	74.8	5th ,,	89.7	77.2	83.2	-
	Mymensingh		Mymensingh		29.638?	-	-	ESE	109.2	92.8	8th ,,	73.1	5th ,,	88'5	761	82.3	-
			Dager		govern	gover-	· /				1			00.0	1	0700	
	Bogra and Pubna	{	Bogra	***	29.609	29'671	_	SE	95'2	94.3	8th ,,	74.8	6th ,,	92.4	77.7	85'0	-
1		,	Serajgunge		29.648	29.694	_	SSE	99.6	94.6		75.2	"	or		84.8	
	Rajshahye	***	Rampore :	Beau-	29*564	29.633		SE	55.8	100'4	5th "	75.0	June.	95'8	79.1	86.7	
	Maldah	***	MRIGAD	***	29.506	_		ESE	54	97.1	9th "	100	9th ,,	000	10.1	00,	187.1
25.1	Dinagepore	•••	Dinagepore		29.557	29*677	-	SE	102'4	95'6	5th ,	77'1	9th ,,	93'5	78.7	86'1	-
	Rungpore	***	Rungpore	***	29.571	29.695	-	ESE	88	94.3	8th "	68'1	5th ,,	91.2	74'3	82 9	-
1	Julpigoree	}	Julpigoree		29*411	29*697	_	SE	89.6	95.0	8th	69.8	9th	91.5	74 0	82'8	-
	Cooch Behar	5	- margine on		20 311	2001		52	000	200	stn "	300	pen "				
1	Darjeeling Hill Dist	ricts	Darjeeling		22.939	- 1	+.031	E, NE	81.8	71.1	8th "	52.1	6th ,,	66.2	54 5	60.2	+01
1	Purneah	}	Purnesh		29.541	29*665	+*030	Calm	12.9	102.2	5th	1	-	99.2	1	1	9
	North Bhagulpore	5			-		0.50				oth "	1					
	Mozufferpore		Mozufferpore								ons not ta						
	Durbhunga		Durbhunga		29'483	29*648	+*040	ENE	120	OT WILL	10th Jun		5th June	0.000000000	81.2	80.9	+41
	Chumparun		Motihari	•••	29'427	29'651	-	ESE	164'9	101.8	9th ,,	73.8	5th "	99.2	78.6	88'9	-
i	Sarun		Chupra		29*453		-	E	98.0	103.2	7, 9, 10 June		5th ,,	105.0	80.7	92'9	-
		1	Dehree		29.277	29.620	-	SE	176.9	104.0	5, 7, 9, 10 Jun	74.0	5th ,,	103.1	80.3	91.7	
1	Shahabad	-1	Buxar		29°391	29.627	-	Northerly	126.6	107.4	6th "	78.2	8th ,,	104.7	82.8	93.7	
		L	Arrah		29*425	20.616	-	Variable	123'6	107.4	6th "	78.1	5th ,,	105.0	81.9	93.4	+0.5
	Gya		Gya		29*252	29.621	+ 023	NE, calm	79	106.6		78'8	8th "	105'2"		4 (250) (250)	. +2.0
1	Patna		Bankipore		29.474	29.653	+1047	ENE	75	107.6	5th, 6th Jun		5th ,,	104.6	82 0	93.3	
	South Bhagulpore	{	Bhagulpore		29*477	29.637	_	Easterly	30	98.7	6th ,,	73.0	7th ,,	97'7	79.0	88'4	-
1	Monghyr)	Describ		200											89.6	-
	Sonthal Pergunnan		Doomks		29*152		-	Calm	33.3	105:2	5th "	73.3	7th ,,	99.9		87.2	+1.0
N.	Lobardussa		Hazaribagh	***	27.687	29.636	+*058	NW	171	99.5	7th ,,	75.6	6th ,,	97.8	77.2	1 0/0	
NAGIOR	Mankhaam	}}	Ranchee	:	27:564	29'630	-	N	161.8	99°5	8th "	78'4	10th ,,	97.6	75.9	86.7	-
4		,	Chyebassa		00000			NI OFF					1011		9011	89.7	-
157	Singbhoom	***	OLI TOWNSHIE	***	28'891	16 TABLE	-	wsw	56'4	102.1	8th ,,	78.2	10th ,,	99'2	80.1	1	100000

* Means for six days.

*Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the reading The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 at ations of rainfall," the normal means are the numerical means or averages of the rainfall in that district determined from the returns sent the district (i.e.) from the tetal rainfall at the sub-divisional stations in the district sending in returns divided by the number of

the week ending Friday, the 11th of June 1886.

	1							ATIONS.				1 1 1 1 1 1 1				
de la	r at ions.		Para			3	AINVALL									
for	week at stations.	01 1	week.	Sin	ce 1st of m	onth.	Sinc	e 15th May	1886.	nber lays.	nber US.	Representation.	tive	DISTRIC	T.	
nt 10 A. M. for week	Rainfall of observing	Mean for district.	Normal mean.	Mean for district.	Normal mean,	Variation.	Mean for district.	Normal mean.	Variation.	Average number of rainy days.	Normal number of rainy days.					
4.6	0.83	_	_	_	_	-	_	_	_	_	_	Gopalpore)			
7.6	0.30	0.16	1.25	0.76	1.82	-1.06	3.62	3.30	+0.33	1.0	1.9	False Point	}	Pooree	•••	***
6.7	0.23	0.88	1.15	2.56	1.83	+0'48	4.93	3.66	+1'27	2.2	2.0	Cuttack		Cuttack	***	***
4'8	0.25	0.45	1.61	1*42	2'44	-1'02	3.92	4'54	-0.62	1'2	2'3	Balasore	***	Balasore	***	
8.0	1.74	1.39	1.83	1.67	2.84	-1.17	2.25	513	-2.61	2.3	2.7	Saugor Island	5	South-West M	lidna	pore
												1 3 4 4	1	South 24- Pargu	nnai	
6.3	0.13	0.61	2.07	0.78	3.04	-2.26	2'32	5.03	-2.71	1'3	2.3	Midnapore	***	Midnapore	***	***
	0.12	0.52	2'14	1.21	3'44	-1.93	2:00	6:08	2.70	0.0	3.1	Outente	1	24-Pergunnaha	***	***
6.4	0.17		-1.	1.51	0.94	-195	3.86	6.02	-2.16	0.8	0.1	Onloutta	-1	Howrah .	***	
4'0	0.02	0.83	2.09	0.83	3.06	-2.23	4.89	5*22	-0:33	1.7	2.7	Burdwan	,	Burdwan	***	***
2.0	0.12	0.10	1.60	0.19	3.27	-3.08	4.60	4.73	- 0.13	0.2	2.2	Bankoora		Baukoora	•••	•••
	7-8	0100	1400										-	Beerbhoom	***	
3.0	0.03	0.06	1.60	0.14	2.21	-2.37	3.19	4.12	-0.86	0.8	2.8	Raneegunge	{	West Burdway		***
64	1.96	1.01	1.43	1.13	2*58	-1'45	4'98	5.15	-0.17	1.2	2.2	Berhampore		Moorshedabad	***	***
6'1	Nil	0.19	2.56	0.31	4.03	-3.72	6.01	7.24	-1.15	0.4	3.0	Krishnaghur		Nuddes .		
8.0	0.09	0.37	3.13	0.89	4.22	-3.63	6.27	7.75	-1'48	0.9	3.4	Jessore	5	Jessore	***	
												0.03010	5	Khoolus	***	
7'4	10.11	8.02	4.87	19.42	.7'86	+11:56	24*99	13.32	+11.67	2.0	4.7	Chittagong		Chittagong	***	***
017	1:07	3.81	3.02		6.55			10.36			4'2	Demagiri	•••	Chittagong Hil	l Tra	icta.
81	1.67		4.28	5.55	6.89	-1.34	12.36	10.71	+1.65	3.2	4.2	Barrisa)		- Gange	***	
8·7	4'38 Nil	2.28	3.31	8'94	9°26 4'88	-0.32	11.48	14'46	-2.98	3.2	4·0 3·7	Noakholly	149	Noakholly	***	
	1	240	0 01	3.34	# 60	-1'54	9-21	9.31	-0.10	1'3	01	Furreedpore	***	Farreedpore	***	***
7.9	3.78	2.84	2.77	3.72	3.89	-0'17	9.37	7.89	+1'48	2*8	3.8	Daces	***	Dacca		
4.6	2.09	2.28	3.38	3.88	5'54	-1.66	7.85	10.12	-2.32	3'8	4.0	Comillah	***	Tipperah		
6.0	1.74	1.75	4.69	2.23	6.52	-3.68	6.37	11*24	-4'87	2.5	3.9	Mymensingh		Mymensingh		
27	0.67	1.23	2.20	1.94	4.50	-2.56	9.62	8.14	+1.21	1.8	3.4	Bogra)			
6'3	0.64	0.25	3'10	0.69	4'46	-3.77	6.11	8-27	-2'16	2.5	3.3	Serajgunge	}	Bogra and Pub	на	***
3.1	0.26	0.13	2.02	0.17	3.47	-3:30	4.83	6:51	-1.68	1.0	3.1	Rampore Bea		Rajshahye		
1.9	1.35	1.13	2.26	1'37	8.07	-1.70	4'22	5.39	-1'17	2.0	31	Maldah		Maldah	***	***
47	0.59	0.73	D.000	0.75	4'31			4.47		110	010				***	***
6.0	0.40	0.92	5.35	1.27	7'24	-3.26	7'67	6.95	+0.72	2.0	2.8	Dinagepore	***	Dinagepore	•••	•••
		0.02	0.20	121		-5.97	13'14	13.79	-0.65	20	4.1	Rungpore		Rungpore		***
49	0.40	0.42	8.02	2:38	1:97	+0.41	8.09	19*94	-11.85	1.6	51	Julpigoree	}	Julpigoree Cooch Behar	•••	•••
6.6	1.83	3.62	5'18	6.03	7.16	-173	11.33	12.68	-1:35	0.2	5'3	Darjeeling		Darjeeling Hill	Dist	
8'4	2.72												(Purneab		
	. "	3.10	1.67	1.18	2.42	-1'24	6.42	4'45	+1.97	174	1.8	Purnean		North Bhagulp	ore	•
		0.05	0.76	0.08	1.04	-0.98	2'61	1'98	+0.63	0.3	1.3	Mozufferpore	***	Mozufferpore	***	***
2.9	Nil	Nil	0.82	0.36	1.26	-0.90	1.22	2:36	-0.84	0.0	1'4	Durbhunga		Durbhunga		***
5.6	Nil	Nil	1.54	0.66	1.76	-1.10	3.03	2.99	+0.04	0.0	1'2	Motihari	***	Chumparun	•••	*41
1%	Nil	Nil	1.01	Nil	1.53	-1.55	2.06	1.83	+0.13	0.0	0.9	Chupra		Sarun	***	***
14	Nil											Dehree				
24	Nil Nil	Nil	0.34	0.19	0.21	-0.35	0.96	0.82	-0.01	0.0	0.0	Buxar	"	Shahabad	***	194
46	Nil	Nil		A	0:24							Arrah)			
34	Nil	0.05	0.38	0.15	0.64	-0.49	1.86	1.49	+0.15	0.0	0.9,	Gya		Gya	***	
6	Sec.	0.02	0.41	0.08	0.03	0.29	1.51	1.69	-0.48	0.5	1.1	Bankipore	***	Patna		
24	1.96	0.67	0.92	1.06	1'27	-0*21	3.24	2.47	+1.07	14	1.7	Bnaguipore	{	South Bhaguipe		***
01	1'01	0.22	1.53	0.85	1.97	-1.15	4'44	3.20	+0*85	710	2:2	Doomka		Mongayr Sontant Pergun	•••	***
11	Nil	0.03	0.97	0.16	1.21	-1'35	2'84	2.46	+0.82	0.5	273	hiazarioagh		Hazaribagh		
33	0.15					. 00	i		-012	0.5				Lonardugga	***	•••
	712	0.18	1.06	0.52	1.23	-1.58	2.68	2.76	-0.08	0.2	2.0	Ranchee	{	Manbhoom	***	***
44	0.32	0.27	1.92	2.27	1'88	+0.35	7.56	3.82			3.3	Chyebassa			***	***

the past ten years. The variations are assatice when the mean for the week is less than the corresponding normal mean, and positive when greater.

The humber denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" observed in the past 12 years. The means of the district are the numerical averages of the rainfall return recoved in the means of the district are the numerical averages of the rainfall return recoved in the means of the district.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th of June 1886.

						LINVALL				TOT	er transmit	Total rain-	Average		
descorological	District.	Station.	5th	6th	7th	8th	lay,	,100	11th	of iys.	ol	fall since	total rain-	Total rain- fall since	rain
division.			Saturday, June.	Sunday, June.	Monday, June.	Tuesday, June.	Wednesday,	Tunrsday, 10th	Friday, June.	Number rainy days.	Rainfall week.	month.	1st of month.	15th May 1886.	May 10 da
ORIGOA	Pooree	Pooree				0.10	0.10			2	0*20	6*92	1:47	4:17	
	, , , , , , , , , , , , , , , , , , , ,	Khurdah Banpur				0.12		******		Nil	Nil	Nil Nil	1.69 2.60	6'41 0'86	
		False Point				0.10	0.14		0.30	1	0.30	0.81	1.20	2.54	
		Pipli						0.110		100			0.94		14
*.	Guttack	Jagatsingpore Banki		0.04		0.14		0.13		1	0.63	2:46	1'23 2'16	7:25	
	6	Cuttack Kendrapara Jappore		0.66	0.10	0.63 0.63			0.22 1.04	3 3	2.28	2.23	2·28 2·55	4'36 8'76	
		Dharmsalla Salipore				******		0.44		1	0.44	0.44	P	5.62	
	Halasore	Chandbali				Yer	7.00			1		1.03	1.95 2.39		
		Bhuddruck Sorah		1.20			1.03	0°24 0°48	*****	1 2	1.74 0.48	2.22	2.26 1.85	6°98 4°83 2°27	
		Balasore Jellasore Baripodah		0.02			6:10	0.85		2	0.02	0.28 0.28	2'44 3'45	3'02 1'08	100
OUTH-WEST	Midnapore	Contai					1'24	1.04		2	2:28	2.31	2.83	2'37	
BENGAL.		Saugor Island Tumlook		0.81		1.70	1.58	0.18	0.05	1	1.74	2°14 2°20 0°11	2:97 2:27	3°24 4°10	
		Midnapore Chattal		0.01	0.11	******	0.01	******	***	1 2	0.01 0.05 0.04	0.05	2.76 4.08	1.79 1.04	
		Devog Heria				******	0.04	1.77		1 2 3	2.67	2·82 2·04	9	0°65 4°6/	
		Bhagwanpore Garbeta			0.08	1.00	0'48	******		Nil	Nil	Nil	9	9.38 9.38	
	24-Pergunnahs	honore :		San I	3. 1		0.14			1	0.14	0.22	2.71	1'93	
		Canning Town Alipore Jail				0.12	0.02			Nil 2	Nil 0.17	0.17	3.63	4.54 2.13	
		Barrackpore Dum-Dum								Nil Nil	Nil Nil	Nil Nil 1'34	4·81 8·07	3'04 2'98	
		Baraset Buseerhat	1.35				0.09			Nil 2	N11 1'44	2.50	3°31 3°72	5°27 9°10	
Trans.	flowrah	Howrah			,,		0.04			1	0.04	0.04	3:36	2:08	
		(Ooloberiah.) Serampore				0.62	0.04	******		Nil	0.66 Nil	Nil	3.82	2.86	
	Hooghly	Hooghly		*****		*****				Nil	Nil	0.33	3.01	5:40	
	Hooghly	Jehanabad Culna		0.42		2.30	90.08			1 2	0°42 2°36	0°42 2°36	2.83 3.03	2·45 5·51	
	Burdwan	Burdwan				0.02	0.05			2	0.02	0.07	2.51	3.57	
		Mankur			*****	0.15		0.07		1	0°07 0°12	0.07	3.94	5'58 3'25	
		Raneegunge				0.03		******		1	0.03	0.03	1.69	2'44	
	Bankoora	Bankoera Bishenpore Maiixra			0.15			******		Nil	Nil Nil	Nil 0.09	2'87 4'03 3'28	6:42 6:42 8:21	
		Khatra			0.56	0.00				Nil 1	Nil 0°26 0°08	0°55 1°45	2.90	4·20 5·88	
		Kotaipore			1.37	0.06			0.02	Nil	1.39 Nil	1.39 Nil	9	4.04 5.60	
		Gangajalghati Raipore				0.09	****	*****		Nii	0.09	1:53 1:84	9	4·19 6·82	
		Sonamukhi		******	0.10	37.11				î	0.10	2.17	P	5.71	
	Beerbhoom	Bh. Soory Hetampore			0.50	******				Nil	0.50 Nil	0°20 Nit 0°32	2°30 2°93	4'26 2'14 3'33	
		Rampore Haut Bolpore			0.02	******	******	0.21	******	1	0.05	0.91	8.18	7:20	
	Nuddea	Ranaghat Kishnaghur			*****			*****		Nil	Nil	0.10	8.95 3.71	8°62 1°63	
		Choosdanga Meherpore			******	*****	******	0.40	*****	Nil Nii	Nil Nil 0'70	Nil 0'90	4'04 3 96	9.08 8.68	
		Kooshtea	******					0.53	*****	1	0.53	0.42	5'01	7.42	
	Khoolna	Satkira								Nil	Nil	013	3'83	3°84 3°77	
		Bagirnat Khooina			******	******	0.26	0.31		2	0.81 0.31	0.70	5°20 4°14	4.13	
		Narai)									2:02	2.39	4.34	5'91	
*	Јенноге	Jessore Jhenidah	1.11	******	******		0.32	0.09		1 1 2	0.09 0.24	0°36 0°62	4'62 5'57	2·85 10·45	
		hiagourah Bongong	0.25	******	*****	*****		*****	*****	Nil Nil	Nii Nii	1'45 Nil	4.83 3.60	14'36 5'84	
		L. S. SA	*****	******				******					0100	4:17	
	Moorabadabad	Kandi Bernampore	1.25	1.96		******		******	******	1	1.25 1.96	1.47 2.31 1.30	2.80 2.63 2.82	5'86 5'14	
		Laibagh		1°30 0°57	*****	*****		******	-1.111	1	1°30 0°57	0.67 0.46	2.65 1.90	5.70 4.23	
		Jungipore	0.10 0.10	*****	0'15					1 2	0°76 0°25	0.30	2.07	4'73	
EAST BENGAL	Chittagong	Cor's Bazar Chittagong			3°17 5°48	0.70 8.93	0°15 1°25	0°71 0°12	0.20	5	5.32	11.93	8 84 6 87	16:40	
		Kutubdia Satkanya		*****	2:27 4'90	4.2 5.50	1.19	0.20					1	2004	
	Chittagong Hill Tracta.	Rankamati			0'28	2.27	0.56	1'17	0.14	. 5	4'42	11.46	6.13	15'84	
	A A A A COLO.	Bum													
	Backergunge	Patuakhally				3.15		1.30	0.70	3	5'12	7:62	8·22 5:72	15 84	
		Perozepore	*****	*****		1'09 0'20	0.18	0°49 1°20	0'98	8	2·56 2·72	4:47	5.28 8.08	10.18	
		Bhola		*** **	*****	1'67	0.33	1.04	1.76	4	4'8	0 00	S CONSTRUCTION	S CATALOGUES AND ASSESSMENT	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th of June 1886—contd.

1.0			_			CAINPAL				Ton					10.00
orelogical vision.	District.	Station.	Saturday, 5th June.	Sunday, 6th June.	Monday, 7th	Tuesday, 8th June.	Wednesday, 9th June.	Thursday, 16th June,	Friday, 11th June,	Number of rainy days.	Rainfall of week.	Total rain- fall since lst of month,	Average total rain- fall from 1st of month,	Total rain- fall since 15th May 1886.	Average rainfall from 15tl May 1886 to date.
BENGAL		Gournaddi Bauphal				0.78	0.53	0°16 1°2	0.17	3	111	1.16	9	6.97	1
gnera	Noskholly	Noskholly Fenny Har is por e			0.05 0.92 0.1	3.60 1.52	0.15	0.37	1.34	4 8	5°36 2°56	12·43 5·44	8:44 10:07	15°34 7°61	13'4' 15'4
) -	Furreedpore	(Sondip). Ramganj Magaripore				3:41 7:18	0.15	1 08	0°57 6°33	3 2	5 06 7:51	11:07 8:59	? 9 4'94	18:13 11:21	?
	Dacca	Furreedpore Goalundo Munshigunge			:::::	2'94		0.15		1	0.00	0°68 0°77	5°19 4°67	8.99 7.45	9°4 10°2 8°2
		Dacca Naraingunge Manickgunge Joydebpore			******	4.05 2.67 0.24 1.90	0°92 0°07 0°03	0.04	0.00 0.02 0.03	4 2 4	4°57 4°12 2°81	5°88 4'71 3°51 7°32	5·11 4·52 4·01 3·89	12°38 7°99 9°75 10°05	9'4 8'9 6'1: 7'9:
	Hill Tipperah	Agartola				1.05							4.80	1	8.1 5
	Tipperah	Chandpore Brahmunberia Ramchandra-			0.05	1.87 4.60 0.65 1.32	0.08	0°13 0°40 0°52	0.30	3	2°36 4°70	2°93 7°90	6°43 5°67 5°24	7.72 11.75	11 z 9 4 . 10 4
		pore. Nasirnagar Daudkandi Kasba		******		3°50 1°12	0.10	2.74 0.10 0.10	0.68	4	1.95	2.25	?	7'83	? ? ?
	Mymensingh	Laksham Kishoregunge			0.39	2.42		0.33					?		7
	ary medalling	Atia (Tangail) Mymensingh	0.08	77	*****	1'35	0.24	0'44	1.71	1	1.71 2.41	2°14 2 92	7'64 4'58 7'25	4'30	12.6 8.4
		Jamalpore Netrokona	0'82			0.02	0.40	0.37		1 4	0°05 3°20	1.75 4.60	5°11 6°75	6'87 5'81 8'75	13 5 9 8 11 7
		Subornakhally Durgapore Dewanganj	0.20			******		0.06	0.06	2	0:12	1.14	9	7:29	?
n Bengai	Pubna	Pubna						0.81	0.03	Nil 2	Nil 9°34	0.34	4'80	12.83 5.42	8'4
E DEPOS	Bogra	Sherpore				2:30	0.12	0.47	0.06	3	0*70	1.04	4:11	6'48	8.0
	liogic	Nowkhilla Bogra Panchbibi		0.60		0.92	0°56 0°72	0.13	0.93	3 1 1 2	3°35 0°50 0°72 1°45	3 90 0 53 1 77 1 55	3:53 4:47 4:56 4:25	11:07 8:93 7:70 10:89	8 3 7 6 9 0 7 5
	најваћув	Beauleab				0.02		0.19		2	0.56	0.35	3'72	5'00	6.4
		Nowgong Lalpore Manda	*****			0.92		0.80	0°19 0°29	Nil 3 1	Nii 2.01 0.29 0.32	Nil 2:01 0:29 0:32	3.55	8'90 6'59	65
	Maldab	Maldah					1'85	*		1	1.32	1'84	2.57	4°15 4°66	43
		Chanchal Gajol Sibganj	0.04	0.47	*****	0.38				Nil S	0°89 0°48 Nil	0'89 0'48 Nil	3 56	3·77 3·09 5·67	6.3
	Dinagepore	Mohadebpore Churamon		0.09		2.00 0.58				1 2	2.00	2.00 1.15	5'81 4'27	6'67 4'77	8°51 6°01
	16	Raigunge Dinagepore Baloorghat				0.38				1 1 1	0.08 0.11 0.08	0.09 0.14 0.38	3.78 4.20 3.19	5 00 15 01 6 34	6 5 8 0 5 71
	Rungpore	Bhawamgunge						0.14		1	0'14	0.62	6.07	11.58	10.86
		(Guabanda). Rungpore• Kurigram	0.87 0.55			1'43	40.0		0.09	1 5	0°37 1°89	0.41	6:77 9:06	11:78 14:51	13 03
	4.2	Bagdogra (Nilphamari.)				,		0.11		1	1.58	2.14	7.05	14 98	14.51
	Julpigoree	Julpigoree	0.74		******	1.60		0.02		3	2:39	2:39	9	18 25	P.
	a mpagoree	Alipore Doar Fallacatta	enno manin	2.30	******		0.61	1'40	0.02	2 3	0.61 3.70 0.48	2.79	10.88	10.82	17.87
	Cooch Behar	Debiganj	0.81	*****	******	0.02		0.11		2 2	0'92	2.13	11:03	5.94	9 21:67
•	8.7	Mickligunge Matabhanga	0.97			*****	0.55	0.09	0.14	2 2 1	0°88 0°14	3'38 2'13 1'49	14'69 8'05 10'22	8:78 9:25 6:96	23 47 16 66 20 00
	Darjeeling Hill,	Buxa Silliguri Darjeeling Kaiimpong	0·42 0·63	1.04 0.01		0*82 0*07 0*05 0*05	0°16 3°91 1°44	0°18 1°35 0°24	2°26 0°63 0°09	6 5 5	4°38 6°59 1°83	5.08 12.70 2.92 3.44	14'60 5'01 5'72 3'29	13:76 19:63 7:43	28:12 7:98 9:31
TH BEHAR	Purneah	Kissengunge	******			1.38	0:46	0.16	0.05	9	181	1.24	4*26	9:00	5°13
		Arrarean	*****		11:67			0.75		Nil 2	Nil 2.72	Nil	2.31	6.22	4.77 3.95
		Gondwara Balarumpore Manari				0'87				Nil Nil	Nil 0'37 Nil	0°34 0°75 Nil	P P 9:76	2°46 2°25	9
	North Bhagul-	Kaliaganj Madaspore	*****	******	0.74	*****	0.44	0.10		1 2	0.44	0.44	3°98 1°47	3.42	2 2 23
	pore.	Protabganj	*****	******				0.42		Nil.	Nil Nil	0.65	1.82	8°22 4'92	3 30
	Durbhunga	Tajpore	*****	*****	*****					Nil Nil	Nil Nil	Nil 1'07	0.96	Nil 2'35	1.78
		Madhabani Bahera Roshera					******	0.15		Nil Nil 1	Nil Nil 0:12	Nil Nil 0'64	1.68	2°20 0°75 6°74	3 2.08
	Mosufferpore	Sitamarhi					*****			Nil	Nil	Nil	1.59	3:11	2.46
		Mozuflerpore Hajipore Paru	*****			193.45 484.45	******	0.02		Nil Nil	Nil 0.05 Nil	0°17 0°05 0°12	0.75	3 89 0 82 0 61	2.0
		Mahua Sinhar				*****	*****			Nil Nil	Nil Nil	Nil 0'30	9	1.08	
	Chumparun	Pupri Motinari								Nil Nil	Nil Nil	Nii 1:16	1.20	3'86	2.8
		Bettish Bagana Burhurwa	*****			0.11	******			Nil Nil	Nil 0'11 Nil	0°16 0°76 0°25	1'92	2.41	S-0;
-		Durnurud	*****	1	*****							0.20		1.61	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th June 1886-concld.

					R	AINFALL			1168.534	Tor	AL.				
Meseorological division,	District.	Station.	Saturday, 5th June.	ay, 6th	ay, 7th	lay, 8th	Yednesday, 9th June.	June.	y, 11th	Number of rainy days.	(all of K.	Total rain- fall since lst of month.	Average total rain- fall from 1st of month,	Total rain- fall since 15th May 1886.	Av. ra rainfi from R Mny 18 to dat
	*		Satur	Sunday,	Monday, June,	Tuesday, June.	Wedn 9th	Jun	Friday June.	Num	Rainfall week.				
NORTH BEHAR -continued.	Sarun	Gopalgunge Sewan								Nil Nil	Nil Nil	Nil Nil	1'84 1'21	2'84 1'57	
SOUTH BEHAR	Shahabad	Chuprah Buxar			*****			*****		Nil	Nil Nil	Nil 0.04	0.60	1.75	1
	3.	Debree		******		******		******		Nil (Nil	Nil	9	0.30	0.
		Bhubooah Sasseram	******	******	******	******		17. ***		Nil Nil	Nil Nil	0.26	0'44	1'96 0'76	0
7.0		Arrah		******	*****	******		******		Nii	Nil	Nil	0.4	0:52	1
		Mohania	*		*****					Nil	Nil	Nil	P	Nil	
	Gya	Aurungabad			******					Nil	Nil	Nil	0.62	1'28	1
		Nowadah		******		******		*****		Nil Nil	Nil Nil	0.61 Nil	0.48	2'14 2'92	T'
		Jehanabad			******	******			71111	Nil	Nil	Nil	0.72	1.08	1
		Arwal Daudnagar	*****	*****	******					Nil	Nil	Nil 1.00	9	0.88	
	Per St.	Sherghati		******						Nil Nil	Nil	Nil	P	1'40 0'50	
	K	Rajauli Pakri Barawan			*****			***		Nil	Nil	Nil	P	5.30	
	2							******		Nil	Nil	Nil		1'50	1
	Patna	Patna Dinapore								Nil	Nil	Nil	0.70	0.78	1
	9.	Behar			******		0.08			Nil	Nil 0.08	Nil 0'12	0.23	0.98 1.87	1
		Barrh		******			******			Nil	Nil	0.10	0.73	1.70	i
	Monghyr	Begoosersi			0.05			0.06		2	0.08	0.17	1.27	1.42	
		Monghyr		0.20	0.12					2	0.74	1.03	1.33	3.25	2
		Goyri	******				0.06	******		Nit	Nil 0.06	0°73 0°46	. 0.78	1'39	19
		Sheikpura	******			******				Nil	Nil	Nil	P	3.68	
	South Bhagula	Banks		1.88						1	0.61	0.92	1'38 1'57	4'52	21
	port	Koigong				******		******		Nıl	Nil	0.50	P	2.582	- 1
	Sonthal Per-	Rajmeha!		100	James Harris	: Section		200		Nil	Nil	0.02	2.23	1000	
1	gunnahs.	Godda		*****						Nil	Nil	Nil	1.35	3°29 4°20	2
		Nya Doomka	0.52	0.31	1.01	******	*****			8	1.83	1'88	2'46 1'87	8:67	- 3
		Deognur	******	******	0.44		0.07	0.09		1 3	0.80	1.44 0.60	1.37	2·87 4·56	9
		Jamtara		******		******	*****			Nil	Nil	0.94	2.53	3.65	3
		Nanihat		0.75	0.24	******		in i		1	0.75	0.54	9	6.08	- 3
					100					1			1.00		
PUR.	Hazaribagh	Pachamba	******				*****	*****		Nil	Nil	0.12	1.75	2.70	
		Hazarioagh							******	Nil	Nil	0.56	1.63	3.91	- 3
		Semuguran				******			0.16	Nil	Nil 0.16	Nil 0'41	1.87 1.24	2.63 J.18	-
		Jhoomrah Hill	8						0.10	Nil	Nil	Nil	1.07	2'40	1
		Barhi Chutra			******				******	Nil Nil	Nil Nil	Nil Nil	9	2.01	
		Karagdeha	******							Nil	Nil	0.11	1	2.00	4
	Sept. 188. 188.	kamghar	*****	******		******				Nil	Nil	0.71	9	2'15	
	Laboratore	Lehandara	1	1							****				
	Lohardugga	Kanchi						0.30		Nil	Nil 0'30	0.30	1.79	5°27 2°98	
		Paiamow						0.30		Nil	Nil	Nil	0.83	2.10	1
	91	Balumat	******					******		Nil Nil	Nil Nil	Nil Nil	9	Nil Nil	
		Hosseinabad				*****				Nil	Nil	0.25	9	0.47	
		Garwah						******		Nil	Nil	Nil	9	2'34	
	Singbhoom	Chyebassa		0.06			0.51			2	0.27	2:27	1'88	7.56	3
		Chakradhar-								Nil	Nil	• 0.89	P	4*25	
	100	Ghatsilla								Nil	Nil	Nil		8.28	
		Baharagura			0.25	******	0.35		*****	2	0.60	0.60	1	3'02	
	Manbhoom	Purulia							100	Nil	Nil	0.08	1'91	2.69	1
		Gobinapore				0.43				1	0.43	0.64	1.00	1.96	
MARIE OF STREET		Raghunath- pore.	*****							Nil	Nil	Nil	Y	4.80	
		Barrabhoom				0.04		*****		. 1	0.04	0.04	P	5.30	
		Thatda		******			******			Nil Nil	Nil Nil	Nil	9	3'19	
		Unas	******	******	*****	******	******	******	*****	7411	7411	2011		130 C S 120 C S	675 - Chic (2)

Explanation. -- indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returning, the corresponding spaces in the total rainfall columns are left blank.

CLICUTTA, the 14th June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 11TH OF JUNE 1886.

In the report for the previous week, it was shown that a feeble cyclonic storm had advanced over South-East Bengal, and that an advance of monsoon winds had followed it, which had given general rain to the southern part of East Bengal, where, at certain stations, the rainfall had been particularly heavy. At the commencement of the present week rainfall suddenly ceased over the province, except for a few local showers which fell during the first three days, but during this time a small barometric depression was formed off the Pegu coast which passed inland on the 7th, probably near Akyab, and the disappearance of the depression on the 8th was followed by another slight advance of humid winds over East Bengal, and on this day again rather heavy rain was reported over the whole of this district. On the 8th Madaripore (Furreedpore district) reported 7·18 inches of rain, and Satkanya (Chittagong district) 5·20 inches, while amounts of between three and five inches were reported from Chittagong, Patuakhally, Noakhally, Raigunge, Dacca, Chandpore, and Daudkandi. Rainfall then continued fairly general in East Bengal up to the close of the week, while a few showers were reported from North and South-West Bengal and Orissa. The other districts of the province have, however, received practically little or no rain during the week.

The main feature in the meteorology of the week appears to have been the weakness of the monsoon current, which at this time is usually blowing over East and North Bengal with considerable force, but which, during this year, has given comparatively so little rain to these districts, that it would appear probable that the monsoon current is being deflected towards Burma, or that it is very much weaker than usual, or perhaps it may be that the scanty rainfall, particularly of North Bengal, is due to a combination of both causes.

Pressure—Over the greater part of the province has been decidedly above the normal during the past week, and the mean pressure for the province shows an excess of 0.025". At the coast stations, however, the average pressure has been distinctly below the normal, and at Saugor Island there has been a defect of 0.009", at False Point of 0.002", and at Chittagong of 0.001".

Temperature—Has been generally considerably above the normal except in East Bengal and Orissa, where it has been distinctly below it. In North Behar temperature has been no less than 44° above the normal; in South-West Bengal, South Behar, and Chutia Nagpur it has been rather more than 1° above it; while in Orissa the defect has been 1.3° and in East Bengal temperature has been 0.4° in defect. For the whole province the mean temperature has been 1° in excess of the normal for the week.

As before stated, the only district in which rainfall has been heavy has been East Bengal, and this district has received 3.43 inches against the normal 3.62 inches; the fall in this district has therefore been heavy, though in slightly smaller quantity than usual. In all other districts the falls have been small and largely in defect; thus South Behar and Orissa have received about half the normal fall; South-West Bengal, North Bengal, and North Behar have received about a quarter of the usual amount; while in Chutia Nagpur the amount received is scarcely more than a ninth of the usual fall for the period.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 11th of June 1886:—

4					TEMPE	RATUL	E						RAINE	PALL.				
			week.	week.	Avera	gesfor	week.	above or week.		Of wee	ek.	R	ainy d	ays.	Sinc of m	e 1st onth.	Sino	e 15th
Matrorol Divisio	OGIC	AL	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below norms] mean of	Average.	Normal average.	Variation.	Average number in week.	Normal average num- ber in week.	Variation.	Average.	Normal average.	Average,	Normal average,
Orissa	***	,	99.9	72.3	93'4	78'6	86.0	-1.3	0.72	1.35	-0.63	1.2	21	-0.6	1.59	2:07	4.55	3.91
South-West Beng	al	***	106.9	69.2	97'3	80.2	88'8	+1'4	0.48	2.14	-1.66	1.0	2.9	-1.9	0:70	3.39	4.28	5.68
East Bengal	***	***	94'0	72.4	88.6	77'3	83.0	-0.4	3.43	8.02	-0.19	3:3	4.0	-0.7	6.01	6.12	10.89	10.5
North Bengal		***	100.4	68'1	93.3	77.0	85'2	-	0.86	4.08	-3.22	1.7	3.7	-2.0	1.37	7:31	8:31	10 94
North Benar	***	***	106.5*	73'8"	101.2*	80.8*	90.9*	+4'1"	0.35	1.17	-0.82	0.2	1'4	-0.8	0.23	1.64	3:55	2.94
South Benar		•••	107.6	78'0	102.9	80.8	91.8	+1'3	0.30	0.73	-0.43	0.7	1'4	-0.7	20.21	1.10	2:62	2.23
Chutia Nagpur		•••	99'51	78'41	97.71	76'61	87:1+	+1.0+	0.15	1.06	-0.94	0.2	2.3	-1.8	0.41	1.26	2.96	2:71

* Purneah not included.

METEOROLOGICAL OFFICE, BENGAL; The 15th June 1886.

ALEXANDER PEDLER.

Offg. Meteorological Reporter to the Goot of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 6th to 12th June 1886.

4 Marie 1997	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND			The second second			
MONTH.	Mean. Maximum.	Range.	Minimum.	Mean wet bulb,	Vapour tension.	Dew point.	Rumidity.	Rain.
7886				0	Inches.	0	%	Inch
June 6th 7th 8th 9th 10th 11th 12th	67-6 98-5 88-6 98-5 83-3 98-5 81-5 91-8 84-3 92-5 85-7 96-8 88-1 98-2	17.8 17.9 17.7 15.0 12.9 17.2 14.5	80·7 80·6 80·8 76·8 79·6 79·6 83·7	80 5 81 5 78 5 78 9 79 4 80 5 82 0	947 981 911 955 939 972 1 013	77 6 78 7 76 4 77 8 77 8 77 8 78 4 79 6	78 73 80 89 79 79 76	Nil. 0.01 Nil.
The mean tempe The extreme vari				••	•		85 6 21.7.	
The maximum te	mperature			•			98.5 % 78 Ins.	

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METROROLOGICAL OFFICE, INDIA; Calcutta, the 14th June 1886.

A. PEDLER,

For Meteorological Reporter to the Gort. of India.

MEMORANDUM.

THE returns of the principal Municipalities in Bengal for the week ending 29th May 1886 yielded the birth and death-rates of 17.4 and 22.1 per 1,000 of population, respectively, as opposed to 15.2 and 20.3 per 1,000, respectively, during the preceding week ending 22nd May, indicating much advance in the registration of both events.

2. The Municipalities which returned the highest proportions of births and deaths

	Birti	hs.				Deaths.		
			1	mille.			100	tio per mille.
Beauleah			•••	39.4	Mozufferpore			 38.9
Chittagong				37.6	Purneah	•••	***	 38.1
					Puri			 33.6
					Gya			 32.8
					Beauleah		***	 31.5

3. The following table denotes that, as compared with the results of the preceding week, there was an enhancement of mortality from all diseases excepting cholera, particularly from fever and bowel-complaints :-

						Ra	tio per mille	durin	g the w	eeks en	ding-
						29	h May 1886		22nd	May 18	886.
Cholera					***		1.1			1.6	
Small-pox			***	***			-2			.03	
Fever					***	***	10.3			9.4	
Bowel-complaints		***	•••		***	***	3.6			2.9	
Injury	***)			***	.5			-4	
Other causes					***	***	6.4			6.0	

4. Of the abovementioned diseases, while bowel-complaints proved noticeably fatal only in the Mozufferpore town, viz. at the rate of 10.9 per 1,000 of population, and the casualties from small-pox and injury were nowhere conspicuously large, cholera fever and the maladies classed under the head of "Other causes" proved most fatal to life in the following Municipalities :-

	Cholera.			Fever.			Other causes.	
e .		1	tatio per mille.		1	Ratio per mille.		tio per mille.
Beauleah Puri Patna		::	10·5 10·5 2·2	Jessore Purneah Mozufferpore	:::	36·7 31·2 21·9	Puri Bhagulpore Gya Serampore Durbhanga	 14·7 12·7 12·3 11·8 10·2

5. The death-rates in relation to Sex, Class and Age stand as follows:-

According to Class. According to Age. According to Sex. 17.4 Under 1 year 180.1 23.2 Christians Males Hindus Mahomedans 1 and under 5 years 5 ,, 10 ,, 36:5 Females 2006 13.1 Ratio of males deaths to every 100 female deaths. 126 15 Budhists Other classes 36.4 15 20 19.3 20 15.3 30 40 10.7 50 40 18.8 60 60 years and upwards 47.2

> R. LIDDERDALB, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 14th June 1886.

DISTRICTS, NAMES OF MUNICI. Palities, Burdwan Burdwan Midnapore Midnapore Hughi and Chinsurah Serampore Utterpara	MUNIOI-	PC	Section Control	The second second					•		•			-							00				7			1	-	-	design and resident of the land
BIOTS.	MUNIOI-	P																		M	BTAI	TIL	ACCOL	MORTALITY ACCORDING.	-0I			1		a	
BICTS.	MUNIOI.	-	PUPULATION.	ON.				BIRTHS	Hs.									Dis	Disease.	3-						-			80	Sex.	
# # # & D #			K-19-5		Now	NUMBER OF-	-40	OF P	RATIO PER 1,609 OF POPULATION PER ANNUM.	1,000 HON M.	growery a			DEATE	DEATHS FROM	1		-	RATIO	PER I,	RATIO PER 1,666 OF POPULATION PER ANNUM.	Popu.	LATIO	PER	T THE THIRD THE	-	Белтия.	-	RATIO PER 1,000 OF POPULA- TION PER ANNUM.	<u>M</u>	
		Males.	Females.	.letoT	Malos.	Vermales.	-fatoT	Males.	Females.	.latoT	Ratio of male birth.	Cholera.	Small-pox.	Fevers.	Bowel-complaints.	.vanini	Other causes.	All causes. Cholera.	Small-pox.	Fevers,	Rowel-complaints.	Power-combustion	Other causes.	All causes.	Ratio of deaths per at	the previous week	Females.	1	Females.	Annual State of Concession of	Ratio of male deaths to every 100 female deaths.
ا ا ا		18,063	16,017	34,080	œ	-	15	19.0	10-7	6.55	114	:	:	13	1	-	4	17			18.3	1.2		6.1	6.22	18.3	6	90	25.79	26.0	113
· ' ; ·		16,987	16,633	-	40	4	6	7.7	6.5	13.9	125	-	;	:	per	:	NO.	1	1.2	1	:	1.2	;	7.7	10.8	10.8	63	4D	6.1	15.6	*
٠ .	hinsurah	19,179	19,539	88,718	*	9	10	45	8.0	13.4	99	1	:	60	90	60	1	6	;	:	4.0	0.5	0.9	;	12.1	10.1	*	10	10.8	13.3	80
۳ ·		13,559	12,937	26,496	6	4	13	17.7	4.00	22.2	225		:	10	69	:	9	13		:	8.6	6.50		11.8	22.2	31.4			8.92	24.1	116
1 Howersh		3,046	_	5,510	61		61	-	-	-	No female births.	.:	:	1	:	1	1	1		;	;	:	;	7.6	9.6		1	-	-	-	No male deaths
Erangh (Howran		53,153	53 87,660	90,813	19	23	4	1 10.9	12.6	23.2	98	03	:	13	-	1	10	53	1.1	:	8.9	9.	9.	8.8	0.51	10.3	11	10	10.8	13.8	
" " { Bali	1	7,836	86 6,979	14,815	7	1		9.46		9.47	No female	:	:	60	1	1	-	10	-	i	2.91	10 00	:	3.2	17.5	10.2	4	-	\$.93	1.00	40
24-Fergunnaha Suburbs of Calcutta	alcutta	147,203	03 104,234	251,439	49	88	9 78	8 10.1	0.9	16.1	168	9	:	63	16	63	37.	124	67	:	13.0	3.4	*	7.6	22.1	2.92	69	100	24.4 2	4.12	12
Kishnsghur	:	13,263	63 14,214	27,477	8	-		9.9	1.6	7.5	800	ŧ	:	1	1	1	4	13		:	13.2	6.1	1.9	7.2	9.46	24.6	6	4	35.3	9.41	252
Nudden Ranaghat		4,028	28 4,655	8,683	:	1	-	1	0.9	0.9			:	-	;	i	:	1		1	0.9	;	:	1	0.9	0.9	1	;	12.9	i ×	No female deaths
Santipore	•	. 13,708	98 15,979	29,687	93	!		20.00	:	5.0	No female		:		;	:	;	:	1	:	;	÷	;	ï	-	:	1	:	1	:	Will state of the
Jussore Jessore		4,830	39 3,665	8,493		1		1 6.1	1	6.1	Do.	i	:	40	į	1	1	9	;	:	36.7	:	:	1	26.7	18.3	10	1	53.8	14.2	10
Rajshahye Rampore Beaule	mleah	. 10,766	66 9,025	19,791	6	9	1	5 23.6	3 15.8	\$.68	150	4	;	9	63	1	:	15	10.2	;	8.2	67 60	;	1	31.2	8.19	-	10	83.8	8.85	140
Darjiling Darjiling* .		5,029	2,947	7,976		1	-	6.9	9.9	13.0	100	i	:	:	:	;	:	1	:	:	;	:	:	1		6.5	:	:	1	1	
(Dacca .	:	48,782	82 87,379	191,08	13	12	61	4.4	4.8	15.6	100		:	*	9	1	13	83	:	:	5.6	3.6	:	60	14.9	6.91	12	11	14.6	15.3	109
Dacen ". Narayangunge	61	7,605	4,956	12,561	61	-	01	8.3	8.3	9.91	100	i	:	64	;	1	m	4	•	:	90	:	4.1	4.1	9.91	20.1	93	03	13.7	0.13	100
Chittagong Chittagong .		13,340	40 8,790	22,130	6	•	1	1.12 9	16.4	37.6	128	!	:	*	01	i	60	6	:	:	9.6	4.1	:	1.0	1.13	18.8	9	60	53.4	17.1	. 200
Tipperah Comillah		8,153	53 5,353	13,508	•	:		4 15.4	i	15.4	No female		1	0.1	1	:	:	63	:	:	1.1	:	1	:	1.1	9.86	1	91	1	19.4 N	No male deaths
Patna Patna City		78,769	81,475	160,237	24	52	2 49	7	8.1	15.9		7	!	34	83	64	16	23	63	:	0.11	2.2	9.	67.0	9.95	0.12	38	46	8.82	4.65	
Gys	:	38,290	90 37,831	76,121	15	18	88	2 10.5	12.3	25.22	83	1	i	2.4	KO	1	18	84	:	:	16.4	8.8	1.	12.3	85.8	6.75	33	15	8.55	9.02	64
Shahabad Arrah	•	. 20,960	80 22,505	43,465	61	-		2.6	1.5	3.6	200	3	:	ю	:	i	61	7	:	:	0.9	:	;	4.63	4.8	\$.8	91	10	2.0	9.11	
Mozufferpore Mozufferpore	,	23,084	84 19,658	49,749	10	11	6	1 12.1	13.4	23.22	96	7	91	18	o,	1	93	23	1.5	\$.5	6.13	6.01	:	÷ 63	6.88	10.8	12	11	8.24	1.62	H
Durbhanga Durbhanga		38,774	14 82,322	66,096	17	14	3.1	13.4	0.11	5.93	121	1	1	12	NO.	1	13	81	åo	* 1	\$.6	6.8	1	2.01	5.95	14.5	19	13	5.6.2	19.3	7
Sarun Chupra	1 1	26,044	14 27,205	53,249	•	80	7	8.8	6.3	8.9	133		1	1	-	1	9	13	1	;	8.9	8.9	1.0	6.9	20.2	6.4	14	-	28.0	13.4	51
Bhagulpore Bhagulpore .		29,640	10 27,813	57,453	6	12	21	1 8.1	6.01	0.61	75	. 1	1	13	Ŧ	1	14	31	1	1	6.01	9.8	6.	13.1	1.82	9.38	15	16	26.3	6.68	
Monghyr Monghyr		. 28,154	54 29,366	67,520	12	6	9 21	1 10.8	1.8	19.0	. 133		00	6	ì	1	4	17	1	2.3	8.1	1	φ	3.6	12.4	15.4	6	60	16.6	14.3	112
Purneah Purneah	1	8,163	5275S	2000		•					No female births.		1	6	i	1	01	-	,	1	31.3	1	1		38.1	27.7		-		31.7	175
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DISTRICTS	NAMES OF MUNICI-	÷	DEA	THE	DEATHS AMONG-	1	В	TI	PER 1, ON PE	RATIO PER 1,000 OF POPULA- TION PER ANNUM.	POPUL.	-		· ·		Di	DEATHS.							RATIO 1	PER 1,000	NO N	POPULATION	PER	ANNUM.		
	Yalilles		Ohristians,	Mahomedans.	Buddhists.	Other chases.		Christians.	Hindus.	Mahomedans,	Buddhists, '	Other chasses.	and under 5 years.	5 and under 10	10 and under 15	Je and under 20 Jears,	20 and under 30 yests.	years, years,	40 and under 50 years.	50 and under 60 years.	60 years and up-	Under 1 year.	and under 5 years.	5 and under 10	10 and under 15 years,	15 and under 20	20 and under 30	30 and under 40	West's, under 50	Se and under 60	
Burdwan	Burdwan	- 6	-		-	-	+		1	- 50	-	-	- 01	-		-	-	-	-		1 1	157'6	1.23-1	9.19	2.05		5.95	7.5	1.19	2.12	1
					1									-		1	-		_	_	-	1	1.53	1	1	16.2	57.	ļ	14.0	52.53	
Hoghli	Chins			1	67	46			-	15-2			4	-				-		Ī	-	220.2	19.2		-	1	6.7	-	10.1	15.9	
•	Serampore			12				-	-	55.4	1	-	91	1	- 1			-			101	146.2	8.83	-	1	13.8	6-7	\$1.4	8.08	27.5	
Serampore									X 5. 2c	1					-	-		-	:	!	1	-	-		-	1	1	49.0	-	1	
	Howrsh			13	-		-		6.6	17.7	1	8.212	10	60				60		1	93	126.0	61	1	1	1	13.8	8-1	8.8	-	
Howrah	Beli			10					19.4			-	00					-	_	i	-	287.3			43.8	-	12.2	-	6.98	-	
24-Pergunnalis	Suburbs of Calcutta		*		11		10	-	-	_	-		18	10	4	8 * 11		26 13	3 12	_	9 16	196.4	62-77	10.2	53.5	31.7	53.3	13.1	18.4	18.4	
	Kishnaghur			n	81					75		100	60	09	-	-		3			-	\$14.5	21 21 47	15.1	18.2	1	10.8	20.4.61	15.9	24.7	
Nuddes	Ranaghat	1			-				1	28.1	:	1		- 1	- 1			-	-	:	-		-	1	1	1	29.92		1	1	
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Jessore	Jessore	1		64	•				23.1	64.4	1		1	-		1		63	-	:	-	9.893		-	18.5	0.14	822.8	6.19	1	-	
8 8	e Beauleal	i		4	00		,		-	4.54	1		;	99	01	1	-	- eo	_	:	91	1	73.3	20.0	6.88	31.3	87.3	14.4	:	-	
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) m	Narayangunge	:		373	64			-	16.4	16.9	:	-	_	1	1	_		:	:	:	:	i	9.29	\$.68		8.69	19.2		1	1	
onittsgong	Chittagong	1		2	4			:	8.74	18.6	:	-	60	-				03	_	!	-	277.1	:	-	20,3	1	4.55	15.6	23.0		
Tippersh	Comilish	1	1		61	-	;	:	1	0.91	1	-;			-	-	!	:	1	:	-	1	89.8			-	1	1	1		
Parns	Patna City	ı	1	99	16		;	70	8.83	20.3	1	;	15	11	10	+	8	0	* 63	1	15	181.0	39.3	13.4	14.4	27.29	18.0	4	23.1	14.7	4
Gya	Gya	i	1	45					9.68	2.6	1	-	10	1-	.01	-		-	30 NO	_	7	\$90.2	57.00	14.8	1.1		141	\$.05	42.6	31.6	
Shahabad	Arrah	i		10	63				7.8	*.60	;	-	93		1			03	!	:	_	2.08	1	1.01	1	1	13.5	8 1		1	
Mozufferpore	Mozufferpore	1		22	10		;	-	38.0	9.15	:	-	- 00	9	12	01	-	50			60	432.6	2.11	51.7	5.96	17.1	12.1	14.9	2.03	16.0	
Darbhanza	Durbhanga	-		19	12				\$.02	\$.22	-	-	9	6	-			_	-	-	4	200.4	91.2	9.9		6.22	12.6	4.1	8.08	23.1	
Sarun	Chupra	•		14	7			-	17.8	30.3			01						_		61	73.0	5.63	8.	39.3	28.5	10.8	6.4	8.8	9.45	
Elisen Inore	ore		61	83	. 0				-	*									91		9	801.9	8.83	44.3	8.3		14.3	8.91	16.3	10.5	
Moneiner	Monghyr	1		14	90				16-3	12.4			9	•0		-	-	**		all a	80	219.1	1.93	1	-	13.8		17.5	91		
Purneah		i		-	4			9/1	39-7	2.98				80	90			1			1	183.7	129.1	62.8	9.59	9.901	1	1	1	0.111	
	Pari		16	9				400	33.0		0.8555 33362	;	89	91				1	9	1			6.29			83.8			6.83		1384
	1	1	1	34	1	6	1		1000	i.	7	1	1	1	1	1	1	1	1	1	1	1.00-1	300.0	1351	8.11	19.3	16.3	10.7	18.8	4.4.4	

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 14th June 1886.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IBRIGATION OFERATIONS FOR THE OFFICIAL YEAR 1886-87.

Areas leased for Irrigation up to end of April 1886.

	REMARKS.)		Whole month discharging. Twenty-five days discharging.			 The discharge entering the canal was for navigation only, all irrigation in the Busar Division being stopped for hot season. 	+ Five years, leases which expired on 31st March 1886 have been omitted.			
-	-86.	Up to end of month.	Inch. 0.23	0.10	2.01			0.25			111		I		A
	RAINFALL, 1885-86.	During month.	Inch. 0.22	0.10	2.02	1	1	0.53	1		111			1.01	
	.87.	Up to end of month.	Inch.		0.17	1		111	1	1	111	1			
	RAINPALE, 1886-87.	During month.	Inch.	0100)	{	1	1		1	l		1		and a	
	Grand	total.	Acre. 3,294	15,448 27,391 7,490	13,821	71,424	65,591	60,212 6,749 638	62,79	64,855	15,733 40,696 68,206 68,206 715 21,138	146,283	150,725	285,311	171,172
		Total.	Acre.	1,246		1,267	198			1	2,211 6,728 79 454	9,953	6,658	10,922	6,743
D.		Hot weather.	Aere.	1111		1	G1				4,284 553 283	4,620	1,808	4,620	1,810
AREAS LEASED.	ANNUAL LEASES.	Bhadoi.	Aere.		1 1						111111		-		
AREAS	ANNUAL	Sugar-	Acre.	1111	1 1	-	1				2,211 2,414 2,414 171	5,053	4,850	5,633	4,850
DETAILS OF		Rubbee.	Acre.	1,194	1 1	1,219	8		1	:				1,219	62
DETA		Khur- reef.	Асте.	2 ::		20	21							99	21
	Five	khurreef.	Acre. 3,259	26,147 7,490	3,990	70,155	55,506	60,212	62,599	64,855	. ! ! ! ! !			187,754	190,361
	Five	il crops. k	Acre.	11111	111			111			15,552 38,485 61,478 486 20,684	136,635+	144,067	186,635	144,067
- I	mate area of land under irrigation	same date all crops. last year.	Acre.	08 of	7.6	178		1111			1,164 7,609 14,718 315	23,822		23,995	1
Approxi	.40		Acre.	1,345	99	1,418	1	111			3,973 15,806 115,806 115	21,162		99,570	i
	Discharge in	- 5	C. ft.	197 18 38*12 161*34	113.47		1	111		1	* \$ \$				1
	Average D		0. ff.	836 80 62 161 34	113'47			111	Sant.	1	1,090 154 664 200				
	Esti- mated full dis- in	700	C. ft. 1,542 566	776 1,969 1,042) 872-82 676	727.16		1	1,411	-100	1	4,342 1,226 1,660 1,466	1	1		1
	CANAL.		Taldanda, 1st 1 Reach, Taldanda, 2nd	Machgong Kendrapara Pattamoondee Gobri High Level,	High Level, Renel, Renel, High Level, Range III,	Total	otal of the corresponding period of last year,	pore Midnapore Panchkorah Tidal Reaches Ranges I and II	Total	Total of the corresponding period of last year.	Buxar Buxar Arrsh Arrsh Bastern Main Heastern Total	lotal of the corresponding period of last year.	Grand Total	Grand total of the correspond- ing period of last year	
	DISTRICT.			Outtack	Balasore		Total	Midnapore Howrah		Total	Shahabad		Total		Grand ing p
	CIRCLE.			ORIESA				SOUTH. WESTERN,			SONE				

The 15th June 1886.

D. B. Hokn,
Under-Secy, to the Goet, of Benga

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 12th of June 1886.

Number of boats.		Natur	e of cargo.			Weight of cargo.	Tollage.
			eter .	***************************************		Mds.	Rs.
218 12	Rice and paddy				•	47,405 6,475	841
185	Firewood	:::	:::			71,050	1,00
638	Other articles		•••	***	•••	1,65,900	2,30
1,053				Total	•••	2,90,830	4,25

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the line during the month of May 1886, as compared with the corresponding period of May 1885.

STAPLES.	18	85.	18	186.	1885.	1886.		
JIAPAN.	Up.	Down,	Up.	Down.	Total.	Total,	Increase.	Decrease
	Tens.	Tons.	Tons.	Tons,	Tons.	"Tons.	Tons.	Tens.
XX. 1 & 2. Silk and silk cloth IV. g. Edible grains XII. 1 & 3. Brass and bell-netal ware XXIII. 1 & 2. Sugar and jaggree III. 4. Piece-goods II. Cotton XIX. 1 & 2. Seeds of all sorts I. coal XXVIII. Sundries XVIII. Sundries XXVIII. 1. Revenue stores	8 64 3 11 38 16 27 190 106 11	22 6 2 1	105 6 25 57 9 34 464 129 10	20 61 3 47	30 70 5 11 38 16 28 100 143 11	20 166 9 25 57 9 81 464 159 10	96 4 14 19 53 364 16	10
Total	396	68	848	165	458	1,013	1,074	17
		In	CREASE.					
					de galacia		Tons.	
Edible grains				***	***	***	96	
This increase is due to fair crop in this Sugar and jaggree This increase is due to fair market pric	***		'				14	
Piece-goods							19	
This increase is due to fair market price	е.						53	
This increase is due to fair market price	of linseed	***	***		to do bo	fore	364	
This increase is due to fair market price Coal This increase is due to merchants not la late to extensive brick-burning for repairs of Sundries	ying in ste building	ock during s damaged l	the rains a	s they used	to do be		364	

This increase is due to less import during the previous months. DECREASE. Silk and silk cloth

This decrease is due to low rate.

Cotton

This decrease is due to previous stock not being exhausted.

NALHATI, the 9th May 1886.

R. G. Mookerjee, Manager

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ending 24th April 1886, as compared with the same period of 1885.

		188	10.	188	15.	Incre	1880.	Decr	0380.
	STAPLES.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	a second	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs
	(Horses, ponies, and mules	No. 36	541	No. 91	1,252			No. 55	3.000 MONTHS
	Cattle	96	681	283	7,847			,, 187	71 7,16
NIMALS, LIVING	Sheep and goats	,, 1,494	1,192	., 2,517	2,017	******	*****	,, 1,323	82
	COther kinds	3,891	3,220	8,114	2,246	777	974	******	******
Borax Canes and rattans		******	******	1	******				******
aoutchoue (India	-rubber)	3	4	6	8		80	3	
Chinese and Japan	nese ware	6,36,692	2,30,237	6,03,902	2,24,657	37 32,790	5,580		
loal and coke, up		17,62,593	2,41,158	17,26,223	2,41,538	36,370	******	******	38
Ditto, dow		87,395	98,080	75,857	90,402	11,538	7,678	******	- 38
to the second	(Twist and yarn (European)	6,400	9,735	7,237	8,429	108	1,306		terms
OTTON, MANU-	Ditto (Indian) Piece-goods (European)	2,17,843	2,60,394	11,218 95,927	6,558 1,10,631	1,21,916	1,49,768		*****
FACTURED.	Piece-goods (European)	18,950	13,257	15,582	11,774	3,368	1,483	******	*****
100	(Asafortida	206	1:3	202	113	4	10	*****	******
WE ME	Other sorts, not intoxicating	1,705	2,827	1,120	1,470	585	857	******	
DICINES.	Intoxicating drugs (other than)	1,994	1,424	1,888	1,280	606	,144	******	*****
DICINA.	opium, i.e., arsenic, bhang, ganja, and churus, &c.)	Bederice 1	E	1. 1. 1. 1	(400 Test	Large	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1	(Indigo	911	929	837	937	74			
Mary .	Madder or manjit	168	39	169	46			1	
YEING MATE-	Safflower	2,622	1,365 16,110	4,090 14,930	2,076	2,333	6,185	1,468	71
Elals.	Turmeric	18,263 8,043	5,607	6,564	9,925 4,742	1,479			*****
arthenware and p		798	1,054	731	941	67	113	******	*****
arthen ware now	(Jute, raw	4,463	2,424	5,374	2,578			911	14
PRO-	Do., manufactured (gunny	1,10,760	58,232	1,09,154	61,576	1,606			6,84
DUCTS. PRO-	bags and cloths).	8,241	4,295	1,751	1,054	6,490	3,241		A STATE
DUCIE.	Other fibres, raw Ditto manufactured	2,212	1,105	4,081	1,602	6,490	3,241	1,869	******
No.	Cocoanuts	2,100	2.716	1,996	2,643	104	73	*****	The state of the s
RUITS & NUTS	All other kinds	28,708	24,:75	20,422	16,828	8,286	7,447		
	(Wheat	4,55,172	1,30,237	6,54,202	2,49,757			1,99,030	1,19,59
* Downers	Gram and pulses	1,88,794 5,43,128	56.319 97.155	1,29,734 2,37,428	4:,149 42,315	59,060 3,05,700	15,170 54,840	100000000000000000000000000000000000000	******
BAIN & PULSES	Rice, husked	22,362	5,664	21,142	6,024	1,220	1	******	36
	Other rain and spring crops	1,74,058	48,772	1,59,883	39,792	14,170	9,070	******	
ums and resins		5,997	3,257	6,339	3,142	*****	115	442	accus.
((Hides of cattle	59,816	34,316 6,025	8 678	37,035	9.796	1.847	4,734	2,71
IDES & SKINS	Skins of sheep, goats, and small animals.	11,474	0,049	8,678	4,678	2,796	1,347	*****	
lorns	small animals.	1,488	811	1,585	744		67		Service States
IOFIIS	(Lac dye	359	176		******	359	176		
AC	Do. shell	16,999	11,300 4,041	18,748	17,852			1,749	6,55
	Do. stick and other kinds Leather, unmanufactured	11,176	2,962	15,511	4,7:2 2,990	******		4,335 154	68
EATHER	Ditto, manufactured	2,447	3,184	1,832	2,990	615	697		A PROPERTY OF THE
iquors	C Ditto, manufactured	19,310	17,983	14,935	13,566	4,875		*****	3000
fats		269	170	314	175			45	••••
TETALS AND	Brass and copper	31,644 68,274	28,589 51,960	27.455 76.124	27,207	4,189	1,382	7.850	*****
MANUFACTURES		8,736	9,386	6,154	66,546	2,583	2,143	7,850	
III.	Cother metals	20,299	15,088	49,987	6,105	10,312			
pium		30,755	15,147	31,6:6	18,345			871	3,19
aints and colours.		1,977 25,343	1,576	1,969	1,585	8	non.	******	7,10
ROVISIONS {	Ghee	25,343 4,334	23,916 4,484	23,553 5,530	21,195	1,790	2,721	******	
-ilway materials,	Construction Account	38,093	4,571	79,438	3,529 20,246	804	The second second	41,345	15,69
	Foreign	49,113	24,005	3,19,092	2,10,185	*****		2,69,979	
alt		4,87,484	95,366	3,87,407	97,158	1,00,077		*****	1,79
	Saltpetre	16,614	26,244 3,607	73,403 21,423	32,836			12,526	6,59
1	Other saline substances	11,12,127	3,807	9,25,287	4,681 3,20,645	1 80 840	13,170	4,809	
	Mustard and rape	4,13,930	1,14,294	4,95,610	1,49,954	1,86,840	1	81,680	35,66
seeds.)	Til or ginjelly	22,517	7.703	19,257	6,863	3,260	840		0100
1 /	Other oil-seeds	1,34,444	40,439	1,44,834	41,759		*****	10,390	1,39
OTHER	Indigo seed	12,162*	4,024	18,142	5,874	*****		5,980	
L SEEDS. (Other kinds	44,007	26,510	33,967	19,770	10,040	6,740		*****
((Silk, raw	1,604	1 919	7 440	1,452	172		******	18
TEK?	Do., manufactured (European)	279	340		******		******	******	
	(Do., ditto (Indian)	19,330	12,796	14,914	281	******	59	32	GH C. SHINGS STORY
tone and marble .		1,06,690	15,823	14,010	8,938 13,572	18,072			*****
	Sugar refined	2,29,319	56,490	1,82,835	34,804				
UGAR {	Do., unrefined (Tea, Indian	2,55,079	65,384	2,13,295	58,526	41,784	6,858		
EA }	Tes, Indian	1,342	1,490	1,198	1,283	144			*****
obsece	CDo., Foreign	74,603	44,584	1,207	38	******		1,207 26,576	STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,
((Timber	40,811	17,766		61,376 18,095	THE RESERVE OF THE PARTY OF		26,576 3,974	
Voon	Firewood	83,433	3,131	41,996	2,764		567	CONTROL OF STREET	
	Wool, raw	1,632	1,566	2,121	2,101			489	D.
	Do., manufactured (Euro-	251	659		530		129	9	*****
700L	pean). Wool, manufactured(Indian)	1,178	741	1 202	Mari	ADMINISTRA	ASSESSED	125	
		1,175	#ESS AS < (00000000000000000000000000000000000	1,303	790	COPPS 3470 F-822-5479 (CM)			
Il other articles of	of merchandise	2,79,669	1,71,672	2,84,507	1,72,152		******	4,898	4
overnment stores		25,262	51,712	82,355	63,427	*****	******	7,093	11,7
dinerals	*** *** *** *** ***	1,02,222	21,288		20,904		3 294		
	The state of the s	A STREET, SQUARE, SQUA	A STATE OF THE PARTY OF THE PAR	AND DESCRIPTION OF THE PARTY OF	28,05,804	10,69,556	3,45,165	7,04,062	4,44,7

ALLEN MEARS, Dy. Traffic Manager.

General Remarks on the fluctuation of principal staples carried over the East Indian Railway during month ended 24th April 1886.

INCREASES.

Coul and Coke.—The increase in the upward coal was due to demands for the Oudh and Rohilkund and Tirhoot State Railways, and that in the downward coal for the Eastern Bengal State Railway and for brick-burning purposes.

Cotton.—Good crops and favourable prices in Calcutta led to increased despatches to Howrah for export.

Piece-goods (European).—The traffic in this staple at this period last year fell off considerably owing to the rumours of a war on the frontier; this year there has been a brisk demand for piece-goods, chiefly from the North-Western Provinces, Behar and Tirhoot, hence this increase.

The process was chiefly in the departable form Petro to Periods when North Western Provinces, Behar and Tirhoot Their increases.

Turmeric.—This increase was chiefly in the despatches from Patna to Punjab and the North-Western Provinces owing to good demand by the natives.

Fruits.—This includes chiefly betel-nuts and myrabolams, and the increase in the former is due to native marriage ceremonies and the generally improved condition of the country; the increase in myrabolams is attributable to demands in the Bombay and Calcutta markets

Gram and Pulses .- A brisk demand in Calcutta accounts for this increase

Rice (husked and unhusked).—Due to a plentiful harvest and a favourable market.

Other rain and *pring crops.—Low prices and a brisk demand account for the increase under this head.

Oil.—This increase was chiefly in kerosine oil from Howrah to the mofussil, where the demand for the oil is daily spreading.

Sugar and Jaggree. Due to large despatches from the Shahabad district to Agra and Cawnpore where the demand was brisk.

DECREASES.

Wheat .- Due to small arrivals consequent on the season having closed early and the new wheat not being in the market.

Lac.—A dull market at Calcutta accounts for this decrease at Mirzapur.

Iron.—The decrease was in 1st and 2nd class iron from Howrah owing to a want of demand and also to the river steamers

Iron.—The decrease was in 1st and 2nd class from from Howan owing to a want of demand and also to the fiver steamers taking 1st class iron at very low rates of freight.

Railway material (Foreign).—This is assignable to large despatches of material last year for the construction of the Bolan Pass railway; this year there has been no demand.

Salt.—This staple shows an increase in the weight carried attended with a decrease in freight, the increase in weight was in the despatches from Howah and from viá Agra and Delhi, and the very low competitive rates quoted by us account for the

decrease in earnings.

Seeds.—In this staple also there has been an increase in the weight carried and a decrease in receipts. Short leads and low rates of freight account for this result.

Tobacco.—A dull market is assigned as the cause for the decrease in this commodity.

Government Stores .- Heavy despatches were made for the North-Western frontier at this period last year, but there have been no despatches this year.

TRAFFIC MANAGER'S OFFICE, JAMALPUR, the 9th June 1886.

ALLEN MEARS, Deputy Traffic Manager.

Weekly Return of Traffic Receipts on Indian Railways.

DACCA STATE RAILWAY.

Approximate Beturn of Traffic for week ended 29th May 1886 on 86 miles open.

	COACHING	TRAFFI	D.	MERCHAND	TRAP		ERA		Other ear	mines	Total es	rninge	A	TRAIN-MIL	ES RUN.
	Number of passengers.	Coachi r∂ceip		Weight carri	ied.	Receip	ots.		(estimat		Total	ишида	Coaching	Merchan- dise.	Total,
		Rs.	A. P.	Mds.	8.	Rs.	A. P		Rs.	A. P.	Rs.	A. P.	-	16-17-1	
Total traffic for the week Or per mile of railway For previous 21 weeks of half-	9,579 111	3,125 36	0 0	57,338 667	0	5,286 62				$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	9,27			1,722 20	2,672 31
Jean	189,994	55,113	0 0	1,87,622	0	28,221	0	0	4,944	0 0	88,278	0 0	16,960	33,349	50,329
Total for 22 weeks COMPARISON.	199,573	58,238	0 0	2,44,960	0	33,507	0 (0	5,807	0 0	97,555	2 0 0	17,910	35,091	53,001
total for corresponding week of	The second			384.7					9 9						
or corresponding week of previous year remile of railway corresponding week of previous year retail to corresponding date of previous year retails and retails and retails and retails retailed to retail to corresponding date of previous year retails retailed to retail to retai	** ACCUPE NO CONTRACTOR STREET	579	14 8	1,18,265	0	1,805	15	9	20	0 0	2,400	5 14 0	272	1,422	1,694
	499	57	15 10	11,827	0	180	9	6	2	0 0	24	0 9 4	27	142	169
	108,545	15,419	5 4	25,37,337	0	27,448	5	2	464	11 0	43,33	3 5 6	5,788	25,981	- 31,769

^{*} Corrected by actuals up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

CEIPT 30	S FOR WEEK TH MAY 1887	ENDING	RECEIP 29	TS FOR WEEK			L RECEIPTS FRO 1885 TO 30TI 1885.			L RECEIPTS FRO PRIL 1886 TO 292 MAY 1886.		Total increase	Total decrease
an age ted.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.		Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	in 1886.
	Rs. 2,406	Rs. 241	86	Rs. 9,274	Rs.	10	Rs. 17,678	Rs.	86	Rs. 42,257	Rs. 55*	Rs. 24,579	Rs

*Corrected by actuals up to week ending 24th April 1886.

DACCA STATE RAILWAY.

approximate Return of Traffic for the week ended 5th June 1886 on 86 miles open,

	COACHIN	TRAFFIC.		AND MINERAL PFIC.	Other earnings	m-i1	TRAFFIC	TRAIN-MILE	SRUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated.)	Total earnings.	Coaching.	Merchan- dise.	Total,
**************************************		Rs. A. P		Rs. a. P.	Rs. A. P.	Rs. A. P.		40	
Total traffic for the week Or per mile of railway f For previous 22 weeks of half-	9,915 115	3,178 0 0 37 0 0	4,967 0 58 0	439 0 0 5 0 0	71 0 0 1 0 0	3,688 0 0 43 0 0	950 11	1,771	2,721 32
year	199,578	58,238 0 0	2,44,960 0	33,507 0 0	5,807 0 0	97,552 0 -0*	17,910	35,091	de: 601
Total for 23 weeks	209,488	61,416 0 0	2,49,927 0	33,946 0 0	5,878 0 0	1,01,240 0 0	18,860	36,862	55,722
COMPARISON.									
Total for corresponding week of previous year Per mile of railway correspond-	5,634	639 6 7	1,53,958 0	1,701 3 0	18 7 0	2,359 0 7	272	1,519	1,791
ing week of previous year Total to corresponding date of	563	63 15 1	15,896 0	170 1 11	1 13 6	235 14 6	27	152	179
previous year	114,179	16,058 11 11	26,91,295 0	29,149 8 2	483 2 0	45,691 6 1	6,060	27,500	33,560

^{*} Corrected by actuals up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

	TS FOR WEEK TH JUNE 1885			PTS FOR WEEK STH JUNE 1896		lsr A	TAL RECEIPTS F PRIL 1885 TO 61 1885.	ROM TH JUNE		PRIL 1886 TO 5TH 1886.		Total increase	Total decreas
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	e	in 1886,
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
10	2,859	236	86	3,688	43	10	20,037	200	86	45,945*	53	25,908	

^{*} Corrected by actuals up to week ending 24th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 37 miles open.

	Coachine	G TRAFFIC.	MERCHANDI 11	SE AND M	INERAI	Other earnings		TRAFFIC	TRAIN-MIL	ES RUN
the same of the same	Number of passengers.	Coaching receipts.	Weight carried.	,Rec	eipts.	(estimated).	Total carnings.	Coaching.	Merchan- dise,	Tota
		Rs. A. P.	Mps.	Rs.	A. P.	Rs. A. P.	Rs. A. P.			100
Total traffic for the week Or per mile of railway For previous 21 weeks of half-	1,918 52	781 0 0 21 0 0	2,859 (64 (0 0 0	1,037 0 0	2,017 0 0 26 0 0	259 7	259 7	
year	40,8'3	18,377 0 0	61,780	4,16	6 0 0	29,836 0 0	52,379 0 0*	5,254	5,274	10,
Total for 22 weeks	42,731	19.158 0 0	64,089	4,36	0 0	30,873 0 0	54,396 0 0	5,513	5,533	11,6
Comparison. Total for corresponding week of previous year Per mile of railway corresponding week of previous year	1,230 SS	867 0 0 24 0 0	1,239 (8 0 0	1,224 0 0	2,288 0 0 29 0 0	250	259 7	
Total to corresponding date of previous year	36,413	25,065 0 0	48,357	1 200	2 0 0	39,331 0 0	69,898 0 0	5,550	5,550	11,

^{*} Corrected by audited figures up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dhurlla State Railway.

RECEIP I	TO FOR WEEK	ENDING	RECEIF	TS FOR WEEK	ENDING		L RECEIPTS FRO PRIL 1885 TO 36 MAY 1885.		TOTAL	RECEIPTS PROPRIE 1856 TO 29 MAY 1886,	TH	Total increase	Total de
Mean mileage worked.	Receipts.	Per mile worked	Mean mileage worked.	Receipts.	Per mile worked.	Mean milesge worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	in 1856.	
37	Rs. 2,288	Rs. 62	87	Ra. 2,017	Rs.	87	Rs. 25,081	Rs. 75	87	Rs. 18,195*	Rs. 55	4 Rs.	Rs. 6,8

^{*} Corrected up to the latest possible date by actuals.

KAUNIA AND DHARLLA STATE RAILWAY.

Approximate Return of Traffic for the week ending 5th June 1886 on 37 miles open.

	COACHING	TRAFFIC				AND MINER.	L	Other earnings	Total	TRAFFIC	TRAIN-MILE	s RUN.
To provide the second	Number of passengers.	Coach		Weight carr	ied.	Receipts.		(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
7.00	- 52-69-7	Rs.	А. Р.	Mds.	8.	Rs. A.	P.	Rs, A. P.	Rs. A. P.			
otal traffic for the week	1,915 52	809 22	0 0	1,5:0 41	0	144 0 4 0		1,004 0 0	1,957 0 0 26 0 0	7	259	518 14
vest	42,731	19,191	0 0	64,089	0	4,173 0	0	30,992 0 0	54,356 0 (5,513	5,533	11,046
Total for 23 weeks COMPARISON.	44,646	20,000	0 0	65,609	0	4,317 0	0	31,996 0 0	56,313 0 (5,772	5,792	11,564
tal for corresponding week of previous year re mile of railway correspond- ing week of previous year cal to corresponding date of previous year	1,312		0 0	1	0	240 0		1,459 0 0	2,645 0	100	259 4	± 516
ing week of previous year	35	26	0 0	39	0	6 0	0		32 0 (7	7	14
nevious year	37,725	26,011	0 0	49,776	0	6,652 0	0	39,790 0 0	72,453 0	5,809	5,809	11,61

^{*} Corrected by audited figures up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dharlla State Railway.

BCRIP:	rs for week th June 1885	ENDING	RECEIPT	rs FOR WEEK H JUNE 1886			RECEIPTS FROPRIL 1885 TO 67 JUNE 1885.			RECEIPTS PROPERTY APRIL 1886 TO 52 JUNE 1886,		Total increase	Total decrease
Mesn pleage prked.	Receipts.	Per mile worked.	Mean inileage worked.	Receipts.	Per mile worked.	Mean mileage worked	Total receipts.	Per mile worked.	Mean mileage worked.		Per mile worked.	in 1886.	in 1886.
57	Rs. 2,645	Rs. 72	97	Rs.	Rs.	87	Rs. 27,726	Rs. 75	87	Rs. 20,111*	Rs. 54	Rs.	Rs. 7,615

^{*} Corrected up to the latest possible date by actuals.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE TRAI	AND MINERAL FFIC.	Other earnings	Total	TRAFFIC TRAIN-MILES RUS.			
de Herring	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.	
	100.00	Rs. A. P.	Mps. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.				
traffic for the week e mile of railway	19,394 .78	17,730 0 0 71 0 0		36,400 0 0 146 0 0	6,210 0 0	61,340 0 0 217 0 0	5,436 22	10,836 43	16,279 65	
perious 21 weeks of half-	395,707	3,04,388 0 0	36,50,588 0	6,13,567 0 0	98,119 0 0	10,16,074 0 0*	1,05,697	186,383	292,080	
Total for 22 weeks	415,091	3,22,118 0 (38,72,510 0	6,49,967 0 0	1,04,329 0 0	10,76,414 0 0	1,11,133	197,219	308,352	
Comparison.			100			v				
for corresponding week of wous year mile of railway correspond-	15,624	12,314 10 1		23,215 10 6	5,673 8 8	41,203 14 1	5,496	7,825	12,761	
week of previous year	63	49 7 4	538 0	.93 8 9		142 11 1	22	29	51	
mous year	369,517	2,87,855 10 4	23,39,660 0	4,50,748 3 6	79,909 9 0	8,18,513 6 10	1,16,484	200,036	317,120	

^{*} Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

PTS FOR WEEK ENDING 30TH MAY 1886.		RECEIPTS FOR WEEK ENDING 25TH MAY 1886.			TOTAL RECEIPTS FROM IST APRIL 1885 TO 30TH MAY 1885.				L RECEIPTS FRO PRIL 1886 TO 29 MAY 1886.		Total	Total	
Receipts.		Mean mileage worked.	Receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease in 1886.	
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs,	Rs.	Rs.	Rs	
41,204	165	240.	60,840	243	249	3,26,399	146	249	4,00,148*	479	78,744		

^{*} Corrected by actuals up to week ending 17th April 1886.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 5th June 1886 on 249 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRA	AND MINERAL PRIC.	Other earnings	Total	TRAFFIC TRAIN-MILES RUN.			
	Number of passengers,	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise,	Totat	
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. J. Links	-		
Total traffic for the week Or per mile of railway For previous 22 weeks of half-year	18,487 74 415,091	13,040 0 0 52 0 0 3,23,762 e 0	1,36,399 0 548 0 38,72,510 0	$\begin{array}{cccc} 20,490 & 0 & 0 \\ 82 & 0 & 0 \\ 6,48,978 & 0 & 0 \end{array}$	3,500 0 0 1,04,890 0 0	87,030 0 0 134 0 0 10,77,630 0 0*	5,436 22 111,133	9,570 38 197,219	15,600 800 900	
Total for 23 weeks	433,578	3,36,802 0 0	40,08,909 0	6,69,468 0 0	1,08,390 0 0	11,14,660 0 0	1116,569	206,789	323,350	
COMPARISON.								W		
Total for corresponding week of previous year Per mile of railway correspond-	16,321	12,240 15 5	81,732 0	20,151 11 0	2,804 13 4	85,197 7 9	5,436	9,229	14,665	
ing week of previous year Total to corresponding date of previous year	385,838	49 2 7 3,00,096 9 9	328 0 24,21,392 0	80 14 10 4,70,899 14 6	82,714 6 4	130 1 5 8,53,710 14 7	22 121,920	37 209,865	59 331,783	

^{*} Corrected by actuals up to week ending 24th April 1886,

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 6TH JUNE 1885.			RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.				L RECEIPTS FRO L 1885 TO 6TH 1885.			L RECRIPTS PRO 1886 TO 5TH 1886.	Total	Total	
Mean milesga worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked.	increase in 1886.	decrease 1886.
*	Rs,	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
249	35,197	141	249	37,030	149	249	3,61,596	145	249	4,38,389*	176	76,798	

^{*} Corrected by actuals up to week ending 24th April 1886.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for, the week ending 5th June 1886 on 246 miles open.

	COACHING	TRAFFIC.		AND MINERAL FFIC.		Total	TRAFFIC TRAIN-MILES ET			
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts,	Other earnings (estimated).	earnings.	Coaching.	Merchan- dise.	Total	
4 2		Rs. A. P.	M.Ds., s.	Rs. A. P.	Rs. A. P.	Rs. A. P.		(A) (A)	4.0	
Total traffic for the week on 246 miles open		12,895 15 11 52 7 0	1,60,739 0 653 0	15,964 0 2 64 14 0	3,190 10 1 2 3 0	32,050 10 2 119 8 0*		3,893 106,559	9	
Total for 22 weeks	750,890%	2,61,066 0 1	27,93,720 0 29,54,458 0	2,78,158 15 10	64,127 0 0	6,32,212 0 0	100,766	110,452	T:16	
COMPARISON. Total for corresponding week of previous year on 226 miles open. Per mile of inilway teorresponding week of previous year. Total to corresponding date of previous year.	29,042} 129 655, 53536	8,914 2 2 39 7 0 2,40,305 10 11	1,61,283 30 714 0 24,66,214 19	17,452 14 6 77 4 0 2,85,154 10 3	3,443 5 10 1 9 0 75,715 13 10	29,810 6 6 118 4 0* . 6,01,176 3 0	4,030 96,846	5,121	9,	

Steam-boat earnings excluded in calculating " Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Definent Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 6TH JUNE 1885.				rs pod week 5th June 18		TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 6TH JUNE 1885,				L RECRIPTS FROM PRIL 1886 TO 5T. JUNE 1886.	Total increase	Total	
Mean mileage worked.	Receipts.	Per mile worked,	Mean mileage worked.	Receipts,		Mean mileage worked.	Total receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mile worked.	in 1886.	
	Ra.	Ra.		Rs,	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
226	29,810	132	246	32,051	130	226	2,80,029	1,239	246	3,02,313	1,229	22,284	1

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 5th June 1886 on 234 miles open.

The second secon	COACHING	TRAPPIC.	MERCHANDISE TRAI		Other earnings (estimated)		TRAFFIC T	RAIN-MILES	RUN.
4	Number of passengers.	Coaching receipts.	Weight * carried.	Receipts.	including steam boat.	Total earnings.	Coaching.	Merchan- dise.	Total.
affic for the	122,497 523	Rs. A. P. 38,937 0 0 167 0 0	Mps. s. 2,76,920 0 1,183 0	Rs. A. P. 36,586 0 0 156 0 0	Rs. A. P. 6,393 0 0	Rs. A. P. 81,916 0 0 323 0 0	10,690	6,179	16,869
wion to half-	1,978,734	8,22,258 0 0	-	9,66,106 0 0	1,22,458 0 0	119,10,822 0 0		202,900	431,168
Total for 22 1 xks COMPARISON.	2,101,231	8,61,195 0 0	86,85,205 0	10,02,692 0 0	1,28,851 0 0	19,92,738 0 0	238,958	209,079	448,637
r corresponding week of ious year (audited) of railway correspond- period of previous year	83,042 356	35,451 0 0 152 0 0	1	33,254 0 0 143 0 0	1	75,220 0 0	11,171	7,775	18,946
corresponding date of	2,197,681	9,94,731 0 0	69,93,988 0	8,71,222 0 0	4,52,232 0 0	23,18,185 0 0	259,919	196,190	458,109

^{*} Audited up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

ECEIF	PTS FOR WEEK E: 6TH JUNE 1885.	NDING		TS FOR WEEK I	ENDING		RECEIPTS FRO PRIL 1885 TO 6 JUNE 1885.		Тота	L RECEIPTS FRO PRIL 1885 TO 53 JUNE 1886.	M 18T TH	Total increase	Total decrease
ean leage rked,	Receipts.	Per mile worked,	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked		Per mile worked.	Mean mile worked.	Total receipts.	Per mile worked.	in 1886-87.	in 1886-87.
233	Rs. 75,220	Rs. 323	234	Rs. 81,916	Rs. 350	233	Rs. 7,98,222	Rs. 3,426	234	Rs. 7,91,656*	Rs. 3,383	Rs.	Rs. 6,566

^{*} Audited up to week ending 17th April 1886.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 5th June 1886 on 126 miles open.

	COACHING	TRAFFIC.		MERCHANDI	SE A		RAL	1	Other earnin	prs.			1	FRAPFI	C TRAIN-MILE	IS RUN.
	Number of passengers.	Coachir		Weight carried.	-	Receipt	s	-	(estimated.)		Total earn	ings,	1	ching.	Merchan- dise,	Total.
, .		Rs.	A. P.	MDS.	s.	Rs.	A. P		Rs. A.	P.	Rs.	A. 1		in		
tall coeffic for the week	31,346 249	8,904 71	$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	21,634 167	0	1,444	0 0		15 0	0	10,363 82	0 0		3,586	1,624	5,210
Yel evious 21 weeks of half-	505,167	1,79,227	0 0	7,52,593	0	46,214	0 (0	582 0	0	2,26,023	0 (*	78,165	34,314	112,479
Total for 22 weeks	;536,513	1,88,131	0 0	7,78,627	0	47,658	0 (0	597 0	0	2,36,386	0 (81,751	35,938	117,689
COMPARISON.																
Total for corresponding week of previous year (audited) Per mile of railway correspond-	22,629	7,594	0 0	24,843	0	1,954	0 (0	33 0	0	9,581	0 (4,325	1,053	5,378
ing period of previous year lotal to corresponding date of	180	60	0 0	197	0	16	0 (0			76	0 (1			*****
previous year	* 523,654	1,94,289	0 0	5,74,982	0	38,093	0 (0	779 0	0	2,83,161	0 (93,705	23,796	117,501

^{*} Audited up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Rengal Central Railway.

RECEIP 67	re FOR WEEK H JUNE 1885.	ENDING		TS FOR WEEK TH JUNE 1886.			L RECEIPTS FOR BIL 1885 TO 6TO 1885.			AL RECEIPTS FI RIL 1886 TO 5TH 1886.		Total increase	Total decreas
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per wile worked.	Mean mileage worked,	Total receipts.	Per mile worked.	in 1886-87,	in 1896-87.
	Rs.	Rs.		Rs.	Rs.	A	Rs.	Rs.	la Sa	Rs.	Rs.	Rs.	Rs.
126	9,581	76	126	10,363	82	126	95,846	761	126	98,032*	778	2,186	

^{*} Audited up to week ending 17th April 1886.



The Calcutta Gazette.

WEDNESDAY, JUNE 23, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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LIBERALITY OF BABOO HURIHUR INDUR SAHAI.

GENERAL DEPARTMENT.-EDUCATION.

Darjeeling, the 18th June 1886.

RESOLUTION.

READ-

A letter from the Commissioner of the Patna Division, No. 341G, dated the 28th May 1886, reporting, for the information of Government, that Baboo Hurihur Indur Sahai, a resident of Manjha, in the district of Sarun, has contributed Rs. 5,000 towards the cost of construction of the "Thompson Goutama Patshala" building in the Revelgunge Municipality, and has also made a free gift to the school of his share of the land on which it is built.

The Lieutenant-Governor tenders his thanks to Baboo Hurihur Indur Sahai for his liberal donation in the cause of education.

ORDER.—Ordered that this Resolution be published in the Calcutta Gazette, and that copies of it be forwarded to the Commissioner of the Patna Division for information and for communication to Baboo Hurihur Indur Sahai, and to the Director of Public Instruction, for information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Offg. Secretary to the Goot. of Bengal.

TRANSFER OF THE MANAGEMENT OF CERTAIN GOVERNMENT COLLEGES TO LOCAL BODIES.

GENERAL DEPARTMENT—EDUCATION. Darjeeling, the 18th June 1886. RESOLUTION.

READ-

Letter No. 7102, dated 7th November 1885, from the Officiating Director of Public Instruction, Bengal.

Letter No. 2877, dated 29th April 1886, from the Officiating Director of Public Instruction, Bengal.

Re-read-

Paragraph 10 of the Resolution of the Government of India, in the Home Department, No. 1—60, dated the 3rd February 1882 (under which Resolution the Education Commission of 1882-83 was appointed). Recommendations on the subject of the transfer of the management of certain Government Colleges to the local bodies, contained in Chapter VIII, section 10 of the Report of the Education Commission, and the Resolution of the Government of India, Home Department, thereon. No. 10—309, dated the 23rd October 1884.

Paragraphs 16 and 17 of letter No. 2285T-G, dated 25th September 1884, from the Government of Bengal, addressed to the Government of India, on the subject

of the Report of the Education Commission.

Paragraphs 13 and 33 of Resolution No. 10—309, dated 23rd October 1884, by the Government of India, in the Home Department, on the above-named Report.

Paragraph 4 of letter from the Government of India, in the Home Department, No. 323C, dated 28th October 1884.

Paragraph 2 of letter No. 9427, dated 30th December 1884, from Mr. C. B. Clarke, Officiating Director of Public Instruction, Bengal.

Paragraph 7 of letter No. 229, dated 15th June 1885, from the Government of Bengal, addressed to the Director of Public Instruction, Bengal.

The Government of India, in the Resolution appointing the Education Commission of 1882, expressed a desire to offer every encouragement to native gentlemen interested in the subject to come forward and assist even more extensively than they had done previously in the cause of public instruction, considered necessary to secure that freedom and variety which are essential conditions in any sound and complete educational system. The Resolution continues:—

"The Government is ready therefore to do all that it can to foster such a spirit of independence and self-help. It is willing to hand over any of its own colleges or schools in suitable cases to bodies of native gentlemen who will undertake to manage them satisfactorily as aided institutions; all that the Government will insist upon being that due provision is made for efficient management and extended usefulness. It will be for the Commission to consider in what mode effect can most fully be given to these views, and how the grant-in-aid system may best be shaped so as to stimulate such independent effort, and make the largest use of the available Government funds."

2. The Education Commissioners, in discussing the subject, observed that if, as had been shown, private enterprise even now produces results which are found by ordinary tests to be by no means unsatisfactory, and produces them at an average cost in colleges of one-eighth, and in secondary schools of one-fourth the amount spent on each pupil in departmental institutions, it does not seem unreasonable to hope that it will at some future period meet all, or all except the very highest, educational wants of the community at an expense to public funds that will be little more than nominal. They were in favour of a gradual and cautious withdrawal of the State from the immediate management, as distinguished from the control, of colleges, and their specific recommendations were as follows:—

That in dealing with the question of the withdrawal of Government from the management of existing colleges, these colleges be regarded as divided into three classes, viz.—

(1) Those from which it is premature for Government to consider the propriety of withdrawal on the ground that they are, and will long continue to be, the institutions on which the higher education of the country mainly depends.

(2) Those that might be transferred with advantage, as a measure promising useful political results, to bodies of native gentlemen, provided the new managers give satisfactory guarantees that the colleges will be maintained (a) permanently, (b) in full efficiency, (c) in such a way as to make it adequate for all the wants of the locality.

(3) Those which have been shown to be unsuccessful, or of which the cost is not of proportion to the utility, and from which Government might advantageously withdraw even with less stringent guarantees for permanent efficiency. Such colleges should be closed if, after due notice, no local body be formed to carry them on with such a grant-in-aid as the rules provide."

. We have therefore no hesitation in recommending that the Government of Bengal Ce requested to consider the propriety of dealing with the Rajshahye and Krishnagur Government colleges on the principle applicable to the second class, and with the colleges at Berhampore, Midnapore, and Chittagong on the principles applicable to the third class, as suggested by the Bengal Provincial Committee.

3. In the Resolution recorded by the Government of India in the Home Department, under date the 23rd October 1884, on the report of the Commission, it stated that-

- . The Government of India accepts the cautious and well considered proposals of the Commission on the subject of the gradual withdrawal of the Government from the charge of institutions of a high order, and especially from colleges. These recommendations are quite in accordance with the policy of Government as explained in paragraph 10 of the Resolution appointing the Commission. It is left to the Local Governments to give effect to the recommendations on this subject gradually and as local circumstances permit. It is, as has been repeatedly declared, in no degree the wish of the Government of India to discourage high education in any way whatever. On the contrary, it believes it to be one of its most important duties to spread and foster it. What it specially, however, desires is to secure assistance to the limited funds of the State by calling forth every available private agency in connection with every branch of public instruction. It is in connection with high education, and in view of the direct pecuniary advantages which it holds out to those who follow it, that the Government thinks it can most properly insist on the fullest development of the principle of self-help."
- The Lieutenant-Governor took an early opportunity of intimating his agreement with the views expressed upon this subject by the Commission, and of instituting enquiries with a view to give practical effect to their recommendations. An application recently received from Narail, in the district of Jessore, for the establishment at that place of a college on the grant-in-aid system, is receiving the favourable consideration of Government, and it is hoped that such an institution upon an independent basis will be opened before the end of the current year. The colleges of Rajshahye and Krishnagur will be transferred only in case any body of native gentlemen can give adequate guarantees for permanent and efficient management, and as yet no arrangement under such conditions has been possible. It has been represented, with regard to Chittagong, that the town is so isolated and cut off from other centres of education that there are good reasons for maintaining a college in it, whether a local body comes forward to undertake the management or not. In all these cases, while inviting offers from residents of position, it is necessary to wait until public opinion has matured, and the change recommended can be effected with the cordial co-operation of all concerned. In the meantime attention of public officers is drawn to the following passage in the report of the Commission as indicating the attitude they should at present adopt :-

"Of course a Director has no means of compelling private parties to come forward, and in ordinary cases we are not prepared to recommend the closing of departmental institutions which local effort is not willing to provide for. But a Director, and still more a Government, can do much to influence public opinion, and patient persistence in carrying out the policy of withdrawal whenever a suitable opportunity occurs will doubtless make it generally felt in course of time that all should co-operate in such measures who are capable of taking broad and comprehensive views of popular education and its true necessities.

5. The Midnapore College dates its existence from January 1873, when the people of the district, with much public spirit, subscribed a sum of Rs. 60,000 for the purpose of improving the status of the zillah school; and in consideration of this fact Sir George Campbell, in sanctioning the establishment of the college and law classes, fixed the Government grant at Rs. 3,000 a year for the following five years. These classes were to be maintained from a sum of Rs. 3,000 representing interest on endowments, and fees estimated at Rs. 1,200, the Government grant of Rs 3,000 being devoted to defraying the expenses of the school department alone. The charges properly debitable to the college largely exceeded the estimated Rs. 4,200; and on a registribution of the expenditure between the two departments in 1878, it was ascertained that, while the College Department was working at a loss of Rs. 1,600 a year,

there was an annual profit in the School Department of over Rs. 3,000. The Government grant was then redistributed, Rs. 2,000 being assigned to the college and Rs. 1,000 to the school. The limit of Rs. 2,000 for the college, however, was not very strictly observed, and the Government contribution to the College Department increased, with increase of expenditure, from Rs. 2,077-1-4 in 1880-81 to Rs. 2,850-2-8 in 1883-84. In 1884-85 large reductions were effected, and the Government grant dropped to Rs. 623-8-6 in that year, and to Rs. 406-15-7 in 1885-86. The receipts from interest on endowments and from fees in 1885-86 were Rs. 2,912-10 and Rs. 1,649-11 respectively, or Rs. 4,562-5 together; and as the total expenditure was only Rs. 4,969-4, it appears that the income from these two sources is almost sufficient to meet all the current expenses of this college, the amount contributed by Government during the past year having amounted to little more than 8 per

cent. of the whole receipts.

6. The School Department of this institution, known as the Mi napore Collegiate School, has hitherto received a fixed annual grant of Rs. 1,000; and its total income, including the grant, in 1885-86 was Rs 7,282-1, while the expenditure amounted to Rs. 6,813-14-3. The Municipal Commissioners of Midnapore have now offered to take over the management of the Midnapore College without making any reference to the school; but it has been strongly urged by the District School Committee, whose arguments are emphatically endorsed by the Inspector of Schools and the Director of Public Instruction, that the collegiate school should go with the college. It is represented that they are in fact two departments of one institution, sharing the expenses of a common establishment, viz. the head pundit, the clerk, the librarian, and menial servants; sharing also the same library, and working on the same premises. It is clear to the Lieutenant-Governor that, under these circumstances, division of management would only lead to grave inconveniences; and there appears to be no objection to transferring the school, as well as the college, to local management. The Education Commission recommended that all Directors of Public Instruction should aim at the gradual transfer to native management of Government schools of secondary instruction (including schools attached to first or second grade colleges), whenever the transfer could be effected without lowering the standard or diminishing the supply of education, and without endangering the permanence of the institution transferred. The Commission further advised that the experiment should begin with schools which had already won a high position, and laid down the following test:-" The fact that any school raises more than 60 per cent. of its entire expenditure from fees to be taken as affording a presumption that the transfer of such school to local management can be safely effected." This test, which was accepted as reasonable by the Lieutenant-Governor, has been fully satisfied in the case of the Midnapore Collegiate School.

7. The average sum required from Government by the college during the last two years has been Rs. 514; but the Lieutenant-Governor recognises the fact that the expenditure, especially on contingencies, must vary from year to year, and to provide for possible increases he is willing to allow a net grant of Rs. 600 to the College Department. He is also prepared to continue the present grant of Rs. 1,000 to the School Department. Both grants will be made for three years, after which period they will, if necessary, be revised.

8. The Lieutenant-Governor is assured that the Midnapore Municipality, or a body constituted under section 64 of the Local Self-Government Act, 1885, will be willing to assume the management of both the college and school on the terms above indicated. The Lieutenant-Governor therefore will be glad if the Director of Public Instruction will take the earliest opportunity of giving effect to the transfer of the double institution on the conditions stated

in the present Resolution.

9. The Berhampore College was first opened in 1853. It was raised in 1865 to the status of a full college teaching the B.A. course, but in 1872 it was reduced to a lower class, teaching only up to the F.A. standard, on the ground that the Calcutta and Hooghly Colleges would suffice for such of the Berhampore students as might desire a more complete education. In 1879 it was noticed, in the Government Resolution on the Educational Report for 1878-79, that the number of students had fallen to 32, and that each of these cost the Government

Rs. 605 a year—about twice the average expense at a Government college. The question of the abolition of the institution was then taken into consideration; but although it appeared that this step would set free funds which might probably have been employed elsewhere with greater banefit to the educational needs of the province, the Government was unwilling, having regard to the past history of the college, and the feeling of the people of Moorshedabad on the subject, to adopt the extreme measure of final closure. The opportunity was, however, taken to make certain changes in the establishment with the view of at once increasing efficiency and diminishing expenditure. The effect of these reforms was to reduce the cost of education to a nearer approximation to the provincial average, and in 1884-85 the average total cost of educating each scholar was Rs. 376, the cost to Government being Rs. 253.

10. The number of students at the Berhampore College continues to be much the same as in 1878-79, and the proportion of the expense of their education borne by the State is still excessive. The monthly cost of maintaining the institution is Rs. 1,185, and the income derived exclusively from fees is only Rs. 167. In this case no direct offer has as yet been received from any local body to take over the charge of the institution, but it is understood that proposals for that purpose may soon be made. Government will be prepared to give to any responsible and suitable managers the maximum grant-in-aid allowed by the rules, and to make over considerable endowment funds for a hostel, as well as for buildings and for scholarships in connection with the college. There is a school attached to the college, the management of which should be transferred

at the same time and on the same conditions.

11. In pursuance of the policy indicated by the Education Commission, and affirmed by the Government of India, it will be necessary, in the Lieutenant-Governor's opinion, to close the Midnapore and Berhampore Colleges if no arrangement can be made before the 1st of May 1887 for the transfer of their charge. It is thus left to those interested to determine for themselves whether these institutions shall continue to exist, and the Lieutenant-Governor confidently anticipates that the public spirit and interest in high education, for which both the important districts immediately affected are remarkable, will be found equal to the occasion.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Offg. Secretary to the Government of Bengal.

The 22nd June 1886.—The following is published for general information.
P. NOLAN,

Offg. Secretary to the Government of Bengal.

CYCLONE OF SEPTEMBER 1885 IN THE ORISSA DIVISION.

No. 840, dated Cuttack, the 7th of May 1886.

From—C. T. Metcalfe, Esq., c.s.i., Commissioner of the Orissa Division, To—The Offg. Under-Secretary to the Government of Bengal, Revenue Dept.

With reference to your No. 2139T—R, dated 3rd November 1885, and subsequent reminders, I have the honour to submit a further report on the cyclone of September 1885, confining my narrative as to the extent of damage done in the districts of this Division.

- 2. Mr. Grant's report No. 982, dated 25th September, which had been forwarded direct to you, gave details of the injury caused on the northern twenty miles of the coast of his district. He promised a further report about the condition of the rest of his district, and directed the Sub-Divisional Officer of Bhadruck to make enquiries. Since then petitions were received from the tenants of the Government estate Birso, praying for relief on account of loss of their crops. These petitions were enquired into both by the khas tehsildar of Balasore and the sub-divisional officer. As the results of the first enquiries were too speculative in their character to be reported, it was thought best to wait till the loss actually suffered could be estimated by the outturn of the harvest.
- 3. From the Collector's report it is clear that, of all the other parts of the district of Balasore, the tenants of the Government estate Birso had lost most in crops and cattle. In speaking of the state of the crops on this estate in his letter No. 1096, Mr. Grant then observed:—"What I do know is that half the crop is certainly lost, that about half the rest (one-fourth of the whole) seems safe, and that the other half is doubtful. I say that one-fourth seems safe, because credible persons affirm that even that is not safe. It looks well and flourishing now, but I am assured that, when the moisture around the roots dries up, the small amount of salt it holds will become fatal because of its being then left undiluted."
- 4. The Government estate (Birso) is situated on the sea-face of the district; a small sketch map of the part of the country in which it lies is herewith annexed. At the northern portion of this tract, the Goomai river crosses the coast canal and falls into the sea. The banks of the canal have been cut away for a length of 1,000 feet to allow the river to pass over it. Immediately to the south of Goomai a sea embankment runs southward along the coast in a direction parallel to the coast for some 12 or 14 miles. To the west of this embankment runs the coast canal embankment, and the Government estate of Birso lies between these two embankments. The bulk of the sea-wave flowed southward between the canal embankment and the sea embankments. These latter prevented the prompt return of the salt water to the sea, and consequently the area between the double banks suffered more than any other part by the wave.
- 5. After the crops had been harvested, it appeared that most of the tenants in this estate had lost either their whole crop, or at least three-fourths of it. In the way of relief they asked for—
 - (1) a remission of the entire rent for the year 1293 F. S.;
 - (2) a postponement of the unpaid 3 annas kist for the year 1292 till the beginning of 1294;
 - (3) a tuccavi advance of Rs. 1,000 at the time of the harvest.

Of these proposals Mr. Grant refused to admit the second, and I agreed with him that it would be inexpedient to grant remissions of past arrears on account of unforeseen present calamities, which at best are only temporary in their effects. The first and third proposals were recommended to the Board in my letter No. 432, dated 16th February, and sanctioned in their No. 76A, dated 18th March last. Copies of this correspondence are herewith submitted for the information of Government.

6. The report of the khas tehsildar showed that Nuanand also suffered from the effects of the cyclone; but there was very little loss of paddy crops in the estate. Here, as in other parts of the Balasore district over which the cyclone passed, there had been a large number of huts and trees blown down by the wind. In some places the sugarcane plants were uprooted, but the loss caused thereby is reported to have been very slight, and no notice has therefore been taken of it.

7. In addition to the damage done in Government estates as above described, I have received no authentic reports of any other parts of the district having been injured in any appreciable extent by the late sea-wave and cyclone. Happily the greater portion of the sea coast is covered with jungle and is uninhabited, otherwise the loss of life would have been much greater. Happily also the centre of the storm travelled in a narrow track, thus limiting the injury. Some of the tenants of pergunnahs Ankura and Bhera submitted two memorials to His Honor the Lieutenaut-Governor during his recent visit to Orissa. These were forwarded to me with your memorandum No. 3700-350Fam., dated 28th December 1ast. The tenants complained of loss of other crops and scarcity of fresh water for drinking

purposes, &c.

The properties situated in these pergunnahs are private properties of zemindars, and although their crops suffered from the violence of the wind, they were not affected by the sea-wave, which was stopped by the embankment of the sea coast canal. Whatever may be the financial result of this canal, it has at least proved of great service in protecting life and property. But for its embankment, hundreds of square miles would have been submerged, with much loss of life and absolute destruction of crops. During my visit to this part of the division after the cyclone, it was remarkable how all the land to the south of the canal looked black and charred, and wherever the salt water had reached, the vegetation was burnt up. The effect of this canal bank shows the advisability of constructing an embankment in Kuldeep and Kurara.

9. In the interior of the Cuttack district, about Jajpur, there was great destruction of trees and houses. Three hundred lives were lost by falling trees, walls and homesteads. The Executive Engineer's house at Aquapada was entirely wrecked, the roof bodily carried away, and some of the masonry pillars destroyed; the Europeans (one a lady) at the time in the house were driven outside, and were for some hours exposed to the violence of the wind and rain. At times they were unable to stand and lay on the ground, moving forward when the wind lulled, and again throwing themselves down when

the terrific gusts came.

10. The storm also passed into the Gurjats, the centre travelling into Keonjhar. At Nilgiri, a little to the east of the centre, the storm was a strong gale only; but where the centre passed the destruction of trees in the forest was very great; the roads were completely blocked by fallen timber and

rendered impassable even for elephants.

11. It is marvellous how quickly the villages have recovered from the effects of the storm. Trade was for a time suspended, whilst the inhabitants set to work to repair their homesteads, but within a short time few vestiges of the destructive character of the storm remained. Enquiries have shown that nowhere was there such complete wreckage of house property with total destruction of crops as in Kuldeep and Kurara and in part of Koojung.

12. The Government is already in possession of the steps taken to relieve the people by systematic distribution of grain to the survivors, of whom lists were immediately made, and later by advances of money, which are now being given under the orders of the Board and Government. Work was commenced given under the orders of the Board and Government. very shortly after the storm-wave in cutting channels from the drinking tanks to draw off the salt water, and in digging out the salt impregnated soil. It was ascertained that amongst cattle, buffaloes suffered more than cows and oxen from want of fresh water; that whilst the latter could, in common with deer, quench their thirst by standing in brackish water, buffaloes could obtain no such relief, and wildly strayed for miles in spite of the efforts of the herdsmen in search of fresh water.

13. No trace of the remains of the houses which stood at Hookeytollah has been found, nor of the treasure chest of the Port and Customs Department. I cannot conceive that the chest could have been washed away. Possibly it may have been stolen. One chest was found with its lid broken in, the work of wreckers immediately after the storm; but it was not the one in which cash was kept, as it stood in a small unused may nry cesspool, which probably accounted for its being left standing. The cesspool had disappeared together with the surrounding soil, of which a depth of five feet was washed away. A new coil of hose was found twisted and deeply buried in the soil. It has also been found that the set of the tide to the northward along the coast aeposited hundreds of dead bodies along the sea-face, and amongst them, seven months after the disaster, the body of Mrs. Douglas has been identified by her clothing. It was found some 40 miles away from Hookeytollah.

14. Reference to former correspondence show that Orissa has frequently been visited by storm-waves, and that every ninth year the sea-coast has

suffered from the effects of a cyclone.

15. I believe all that could reasonably be done has been done to relieve those who survived. The ready and generous aid given by the Government, by one of the English newspaper presses of Calcutta, and by the Inundation Fund, enabled the district officers to render immediate assistance, while the fortunate circumstance of the Kanika estate being under the Court of Wards has enabled the Board to give continued assistance from funded savings to the royts who had lost everything, which they could not have received if the estate had been in the hands of the proprietor.

REVIEW OF THE TRANSACTIONS OF THE FINE FUNDS ON THE STATE RAILWAYS OF BENGAL FOR YHE YEAR 1885-86.

GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT. RAILWAY.

No. 1094 K-A, dited Calcutta, the 4th June 1886.

READ-

Government of India, Financial Dept. Resolution No. 427, dated the 28th June 1880. Letter No. 188A, dated 27th April 1886, from Manager, Northern Bengal S. Railway. Letter No. 4192, dated 1st Ma. 1886, from Manager, Tirhoot State Railway.

Letter No. 4192, dated 1st May 1886, from Manager, Tirhoot State Railway.

", 1672, dated 17th April 1886 ", Dacca State Railway.

", 1568, dated 5th May 1886 ", Nalhati State Railway.

The receipts and disbursements upon the several lines were as follow:-

Balance on 1st April Fines. Interest. Total. Disburse-meuls. Refunds. Total. 1885-8 Refunds. Total. 1885-8 Refunds. Total. Refunds.	Security -	RECE	IPTs.]	Expenditube.		1.00	
Northern Bengal 1,608 11 3 1,826 5 3 56 10 3 3,491 10 9 1,686 6 3 28 8 0 1,714 14 3 1,776 1	RAILWAYS.	1st April		Interest.	Total.		Refunds.	Total.	Balance at end of 1885-86.
Dacea 9 4 0 459 10 3 5 5 8 474 3 6 300 0 0 4 14 0 304 14 0 109	Tirhoot Dacea	1,608 11 3 2,074 0 7 9 4 0	1,826 5 3 1,159 13 11 459 10 3	56 10 3 66 1 5 5 5 3	3,491 10 9 8,299 15 11 474 3 6	1,688 6 3 1,787 14 0 300 0 0	28 8 0 20 11 0 4 14 0	1,714 14 3 1,808 9 0 304 14 0	

During the year 1885-86 the assets of the Fine Funds upon the Bengal Provincial Railways were expended as f llows:—

Northern Bengal State Railway.—Schools Rs. 1,367, institutes Rs. 100, amusements Rs. 150, sick employés Rs. 69-6-3.

Tirhoot State Railway.—Schools Rs. 149, institutes Rs. 297-7, amusements Rs. 780, sick and miscellaneous Rs. 361-1, and volunteering Rs. 200.

Dacca state Railway .- Institute Rs. 300.

Nathati State Kailway.—Schools Rs. 49, institutes Rs. 90, sick employes Rs. 28-5-10.

Of the balance at credit of the Northern Bengal State Railway Fund, Rs. 500 represented the balance of last year's loan to the Railway Co-operative Stores Association, which was still outstanding at the end of 1885-86.

RESOLUTION.

In the Resolution on the Fine Fund reports last year, attention was drawn to the necessity of avoiding any undue accumulation of balances, and the Livtenant-Governor observes in the present reports that on the Tirboot State Railway and Nalhati State Railway the balances have been reduced. On the Northern Bengal State Railway, nowever, the balance still snows a tendency to increase, and the Manager should take steps to avoid this. A larger proportion of the assets of the fund on this line may with advantage be spent in providing amusements and recreation for the employés.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Secretary to the Government of India, Public Works Department, and to the Managers of the Bengal Provincial Railways, for information, and that the Resolution be published in the Calcatta Gazette.

By order of the Lieutenant-Governor of Bengal,

S. T. TREVOR, Col., R. E.,

Secretary to the Government of Bengal,

P. W. Dept.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 19th June 1886.

2	No.	District, and date of return.	Rainfall at Sudder Station in inches.	The state of the state of the broggitte of the crops, and
100	- 4	1		
BEI	NGA	L. Western Districts	100	
1	, 1	Burdwan, June 19 '86 Culna Cutwa	2.03	Weather-much cooler owing to the rain. Rain has done much good. Price of rice 16 to 22 seers per rupee. Fublic health good.
DAVE.	2	Ranigunge Bankoora, ,, 19 ,,	1.56 5.05	Weather—cool and rainy. Sowing of aus rice finished. Seedlings doing well-transplantation commenced. Harvesting of til has commenced. Prospects of crops are on the whole good. Prices continue steady. There has been conti-
T T T T T T T T T T T T T T T T T T T	3	Beerbhoom. , 19 ,. Rampur Haut Midnapore, , 19 ,,	5·30 0·53 5·37	nuous rain from Tuesday. Public health good. Weather—cool and rainy in latter part of week. Seasonable rain having fallen, rice cultivation is progressing. Prices unaltered. General health good. Weather—cyclonic Rainfall seems to have been general throughout the dis-
1	5	Hooghly, 19 ,. Serampore		trict, and has done much good. Public health good. Weather—stormy. The monsoon appears to have broken. All crops doing well. Agricultural operations going on briskly. Public health good.
-	790.	Jehanabad Howrah ,,	5.28	Report not received.
1	6	Central Districts. 24-Pergbs	7.67	Weather-heavy fall of rain with high and unsettled winds of a cyclenic type
	7	Nuddea, ,, 19 ,, Kooshtea Meherpur	3·17 4·71 2·22	Early rice, jute and sugarcane are doing well. Public health ger a ally good. Weather—seasonable. Prospects of paddy crops good. The rain has been light and extremely favourable for growing crops. Public health good.
	8	Chuadanga Ranaghat	3·04 4·78 8·31	Weather-violent storm on 16th instant with high tides; weather since then
-	9	lessore, " 19 " Jhenidah	6·01 7·89	cloudy and rainy. Prospects of rice crops favourable. Public health good. Weather—rainy. The rain that fell during the week has done good to the rice plants which are thriving. Public health good.
-	10	Magura Narail Bongong Moorshedabad, , 13 .,	5·47 6·16 2·76 3·52	Weather—seasonable. Prospects of crops favourable. Sowing of dhan going on.
		Lalbagh Kandi Dinagepore June 18 '86	4.71 2.53	Public health good. Price of rice stationary. Weather—seasonable with rain. Cultivation of aus, jute, and sugarcane going
	12	Rajshanye. " 19 " Nattore	4:67 1:50	on well. Prospects good Rice is selling from 18 to 25 seers per rupee. Weather—heavy rain with wind on 16th and 17th; still rainy. Bore paddy harvest nearly finished; outturn about a 12-anna crop. Prospects of aus and
	13	Nowgong Rungpore ,, 19 ,, Kurigram Gaibanda	1.64 0.73 0.36 0.14	amun paddy and jute good. Health fair. Weather—oppressively hot except during the last three days of the week. Prospects of amun and aus crop good except at Gaibanda, where rain is urgently needed; other crops are doing well. Cholera ctill at Nageswari; public health
1	14	Nilphamari Bogra. , 19 ,, Sherpur	1.98 1.15 2.91	otherwise good. Weather—seasonable. Rain and clouds throughout the week. Prospects of standing crops good. Aus is being cut in some places. Cultivation of ammun
1		Nowkhilla Pubna. , 19 , Serajgunge Darjeeling, , 19 ,	0·55 2 47 1·38 8·12	continues. Public health fair. Weather—very hot during first part of week; during last few days high kasterly wind and rain. Crops flourishing. Health good. Weather—wet and stormy. Crops all good. Cholera still prevalent in the lower
1		Jalpigoree, " 19 "	1.15	hills. Weather—early part of week unusually hot and dry for time of year; latter part cooler with rain. Rain was beginning to be needed for the early rice crop
		Eastern Districts. Dances. June 19 '86	4.63	in places. Tea also has suffered much from the unusual dryness of the month. No harm done to rice yet, and weather most favourable for jute Sugarcane doing well. No prevailing disease. Weather—hot and cloudy. Sowing of raochia and shail paddy going on.
1	18	Manickgunge Munshigunge Naraingunge	0·82 4·82 4·26	Harvesting of aus dhan has commenced. Recent rain has done much good by jute and paddy crops. Prospects of crops good. Public health good.
1	19	Furrecapore. ,, 19 ,, Madaripore Goalundo	2.72 3.85 2.35	Weather—squally and rainy in the middle of the week; cloudy since. Prospects of crops continue to be good.
1		Backergunge, ,, 15 ,, Mymensingh, ,, 18 ',,	3 76 0·30	Weather—high wind with rain. Aus crop is promising. Cultivation of amus progressing. General health fair. Weather—cloudy with some rain during last three days. Prospects generally last three days.
	90	Kishöregunge Attea Netrokona Chittagong, June 15 '86	0·22 1·71 0·44 1·48	good. Transplanting of rowa paddy has commenced. Jute in Tangail has been damaged by cater-pillars, and portions of the crop ploughed up. Public health fair.
0.0		Noakholiy, ,, 18 ,, Fenny	4·21 4·40	Weather—very sultry till 14th, after which cooler with rain and high wind from south-east. Aus promises fair, but some damage done by senipoka. Cultiva-
CHILLIA	24	Tipperan, " 17 " Brahmunberiah …	4:56 1:43	Weather-very hot till the 15th. The rainfall has been in defect. Heavy rain fell on the 15th and 16th, but the amount is still below the average. Trans-
CHILL	26	Chitragong Hill 15 Tracts.	1.50	Weather—alternate rain and sunshine throughout the week Joom paddy well. Lands being ploughed for late rice crop. Aus paddy ripening.
	14	Hill Tippereb, " 16 "	Nii	Weather - very warm; rain expected. Prospects of satya paddy and joom crops good. Til (oilseeds) being gathered. Public health generally good.

N	o.	District, st		e of		Rainfall at Sudder Station in	
		Land Control	7227			menes.	
		01					Commence of the Commence of th
K P	AK.	Control to the Control	SQUACE		in it		Control of the second of the s
1	26	Patna,	June	19	'86	2.11	Weather—extremely hot during the greater part of the week. High wind accompanied with rain during last two days. <i>Cheena</i> and sugarcane promise well <i>Bhadoi</i> sowings have commenced. Public health generally good.
	27	Gya,		19	"	2.54	Weather—rains appear to have set in. Strong easterly winds with 24 hours continuous rain from 10-30 P.M. on Wednesday, 16th instant. Kesari and bang doing well. Marua is being transplanted and dhan sown. Cattle-disease reported from three villages. Public health good. Prices moderate.
1	28	Shehabad,	**	19	**	1.29 Few drops	Weather - cool and cloudy since 17th with strong winds. The monsoon broi on the 17th. Sugarcane, the only crop on the ground, doing well. Seven
	1	Buxar Sasseram			***	0.22	deaths from sunstroke reported; public health otherwise fair. Prices st
1		Bhabhua				Nil	tionart
1	29	Durboungs.	"	19	"	0.58	Weather—occasionally cloudy and close. High east winds prevailed during latt part of the week. Prospects of paddy on low lands favourable. More reneeded for the cultivation of bhadoi. Moong is being harvested with a go
							outturn. Prices continue stationary. A few cases of cholera reported from
	80	Mozuflerpore,	"	19	"	1.29	Weather—at time of report fine with partially clouded sky. Cyclonic weather will light rain on the 17th and 18th. The rain was much required. Standing crowings in progress.
	8)	Sarun,		19	**	1.67	Weather—cloudy since last three days. Heavy rain fell during the week. Sowi
	40			10		0.35	benefited by the rain that fell during the week. Sporadic cases or choiers a small-pox reported from the mofussil; public health otherwise good.
1	32	Champaran,	"	19	31	0.85	are being prepared and sowings have commenced in places. Prices stational Public health fair.
			2.1				Weather - little cooler owing to heavy rain with high east winds of last three day
	33	Monghyt. Beguserai Jamui	June	19	'86	3·32 0·06 0·15	Sowings of bhadoi crops going on briskly; seedings of free crops on low late
	34	Bas guipore,	,	19	,,	2.63	to be reported from Beguserai. Prices stationary. Weather—very sultry till 17th, when heavy rain came up with strong wi Prospects very favourable; cultivation and sowing proceeding briskly.
1	35	Purneah Kissengun	ge "	19	"	3·15 0·72	Recent rain has much lowered the temperature, which was otherwise not. rain has done much good to the crops. Bhadoi crops doing well.
-	86	Arrareah Maldah		19	**	0.41 3.40	Weather-cloudy, windy and stormy. The bhadoi crops are thriving. Problem of the beath good
-	90	Chanchal	**		"	Nil	of coarse rice 21 seers per rupee. Public health good.
1		Shibgunge				3.15	
1		Gazole		10	**	1.83	Weather-cool and rainy. Ploughing and sowing going on. Public her
	37	Southal Pergh		19	**	3.78	good.
		Godda Rajmehal				2.91	Bow.
	4.79	Pakour				3.78	
		Jamtara			***	3.9	
ie i	SSA						
	DOA.						
i	38	Cuttack				*	Report not received.
							and assign retarded awing to
	39	Poores. Khoorda	• 1	17	*	4·28 1·29	Weather—rainy and cloudy Progress of sarad sowing retarded owing to rain. Dalua crop is being harvested. Relief works going on in Chilka traccommon rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 17 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 15 chittacks per rupee in Sud Common rice sells at an average of 18 seers 18
						0.70	sub-division and 17 seers 3 cintuates in the relation of the cholera reported from the mofussil, cholera reported from the mofussil, Prospect of crops promising. Recent r
	40	Balasore,		18		8.78	Weather—stormy with much rain. will greatly facilitate cultivation. Public health good.
		NAGPORE.					
3	outh.	West Frontier	Age	ncy.		100	4 15th hours sain since Indian co
	41	Hazaribagh.	June	18	'86	4.10	Weather—very hot and oppressive up to 15th, heavy rain since. Indian-co
	43	Lohardugga.	"	19		4.41	good. Weather—cool. Heavy rain during the week. Cultivation is rapidly going Prices of food-grains stationary. Public health good. Prices of food-grains stationary. Public health good. Weather—hot till the 10th, when heavy rain fell. The fall is said to have be weather—hot till the 10th, when heavy rain fell.
	48	Singbhoom,	**	18	"	3.55	Weather—hot tall the loth, when he listrict, some up in places. Recent r
	44	Manbhoom, Govindpor	,,	19	23	3·55 0·64	has done much good. Prospects good. Public health good. Weather—seasonable. Rains set in on the 15th. Ploughing going on vigorous Public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.;

The 22nd June 18.6.

P. Nolan,
Offg. Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

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	72X 7.85.0			WE	TEAT.				BARLE	۲.	1	Ric	В, В	RST	son	т,		Rr	CB	COM	IMO	N .	Jowa (Sorg	R OR C	HOLUM ulgare.)
Number.	DISTRICTS.		Present return.		Next preceding return.	Corresponding return	of last year.	Present return.	Next preceding reinta.	orresponding return		Present return.		Next preceding return.	Corresponding return	of last year.		Present return.		Next preceding return.	armenanting return		Present return.	Next preceding return.	Corresponding return of last year.
1	BENGAL, Vestern Districts.	1.6	s. C1		Ch		(II).	9 0	n ie di		19		.0	1				OI.	0	CI).		a.			
1	Burdwan	16		16		17			h. S. Ch		15		15		13	6 6	1	12		12			S. Ch.	S Ch	S. Ch
2	Bankoora	18	8 8	18	8	16	0	23	8 24 0	18 0	19	8	19	8	14	4	22	8	22	8	17	0			
3	Peerbhoom	20	0	15	0	17	4			4	15	0	16	0	12	0	18	0	19	8	13	12			
4	Midnapore	18	3 0	18	0	16	0				16	0	16	0	14	0	20	0	22	0	17	0			
6	Hooghly	10	0	16	0	16	0				10	0	10	0	9	0	14	0	14	0	12	8			
	Howrah	1,6	0	16	0	16	0		1_	١	8	0	8	0	11	4	15	0	15	0	13	0			
C	Calcutta	11	3 0	116	0	16	0	22	21 6	19 0	8	8	8	4	7	8	15	4	16	0			19 12	19 0	114 0
3	24-Pergunnaha	13	3 4	13	4	16	0	20	0 20 0	20 0	8	0	8	0	8	0	13	4	13	4	14	8			
7	Nuddea	1	3 0	17	4	17	4	23	0 26 0	22 1	13	5	14	0	11	6	15	0	15	2	12	0			
8	Khoolna	.	***					-			14	0	14	0	12	0	17	0	17	0	15	0			
)	Jessore	1:	3 4	13	4	15	0				12	8	13	0	11	8	17	0	16	12	15	0			
si	Moorshedabad	20	0	20	0	18	0		-		13	4	13	4	10	0	17	0	17	0	12	12			
	Dinagepore	10	0	15	8	16	0	17	8 17 8		16	8	17	0	12	0	21	0	20	4	13	12			
	Rajshahye	, 19	0	19	0	17	10	31	12 32 0	26 4	16	0	16	4	10	0	18	0	18:	8	12	0			
3	Rungpore	22	8	20	0	18	8		-		18	4	16	0	10	8	20	8	20	0	12	12			
	Bogia	18	0	18	0	17	4		-	-	12	12	13	8	9	12	21	12	22	8	13	8			
5	Pubna	23	12	22	8	19	8		-		8	0	7	14	8	4	18	0	18	6	12	12			
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0.325	Julpigoree	13	4	13	4	13	0	20 (20 0	20 0	16	0	16	0	12	0	22	0			14	0			
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	Furreedpore	24	0	24	0	16	0	25 0	25 0	30 0	16	0	16	0	18	0	17	0	17	12	14	0			
	Backergunge				.	٠.			-		13	8	13	8	12	0	16	0	16	0	14	0			
1	Mymensingh	13	0	13	4	13	0	***		***	13	8	13	0	11	4	20	0	21	0	13	4			

in sub-divisions retail prices of sait per rupee were:—Cuina 14 seers, Cutwa 13\frac{1}{2} seers, and Raneegunge 13\frac{1}{2}6 seers.

In Bishenpote retail price of sait 13 seers per rupee.

In Rampore Hat retail prices of sait per rupee were:—Tumlook 11 seers and Contai 13 seers.

In sub-divisions retail prices of sait per rupee were:—Serampore 13 seers and Jehanabad 13\frac{1}{2} seers.

In sub-divisions retail prices of sait per rupee were:—Baraset 12\frac{1}{4} seers, Bussiraat 13 seers, Diamond Harbour (at Kulpihat) 12\frac{1}{2} seers, and Barrackpore and Dum-Dum 12 seers.

In sub-divisions retail prices of sait per rupee were:—Kooshtea 14\frac{1}{2} seers, Chooadanga 12 seers, Ranaghat 12\frac{1}{2} seers.

In sub-divisions retail prices of sait per rupee were:—Kooshtea 14\frac{1}{2} seers, Chooadanga 12 seers, Ranaghat 12\frac{1}{2} seers.

In sub-divisions retail prices of sait per rupee were:—Jhenida and Narail 12 seers, Magoora 10\frac{1}{2} seers, and Bongong 13 seers.

BAJR.	or C	typho-	MAR (Elous	iva on	RAGI.
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			17	0	17	0	17
			16	0	16	0	16
1			21	0	21	0	17
18 0	18 0		20	0	20	6	19
		•••	17	8	17	8	17
			22	14	22	14	20
			16	0	16	0	16
		·m	20	0	20	0	19
۳.		•••	26	0	26	0	22
			18	0	18	19	16
			10	0	32	8	22
			18	4	16	0	
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·		•••	10	8	10	0	
•			18	0	16	5	
			17				
			16	0	16	0	
			16	0	16	0	
		***	15	0	18	0	

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I In sub-divisions retail prices of salt per rupee were : - Jhenida and Narail 12 seers Marge

Districts of Bengal during the Fortnight ending the 15th June 1886.

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	MAIZE Zea Ma	10	CA	AR OR DJAN P anus ind	EA.	F	IBBW	юор.			SA	LT.					S	ALT.]
Present return.	Next preceding seturn.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return	200	or last year.	Present return,		vext preceding return.	Corresponding return	of last year.	,	Present return.		Next preceding return.		Cherognan dina sabusa			DISTRICTS.
8 (1)	s Ch	IS Ch	18 Ch	.jS. Ch.	s. Ch	. S. Ch	JS C	th Is. (h.)	S. Ch	8.	Ch.	ıs	Ch.	Re		18			P.			BENGAL. Western Districts.
			21 0	20 12			1	0 120		13 O	13		- ,		8		1						Burdwan.
32 0	32 0	26 0	21 8	21 8		280	280	0 240	0	12 B	12	8	13	0	3	2	3	2	0	3	0	0	Bankoora.
						160 0	160	0 160	0		12	0	12	0	3	4	3	4	0	3	2	6	Beerbhoom.
			14 0	14 0		155 0	155	0 155	0	12 B	12	8	12	8	8	0 8	3	0	0	3	1	0	Midnapore.
			13 0	13 0		120 0	120	0 120	0	13 O	13	0	13	9	2 1	14 (2	14	0	2	14	0	Hooghly.
			15 0	15 0		90 0	90	0 90	0	13 υ	13	0	13	0	3	0	3	0	0	3	0	0	Howrah.
130 2	20 6	17 0	18 0	18 6		70 0	64	0 90	,o	13 4	13	4	13	4	2	12	0 2	12	0	2	12	0	Contral Districts
20 0	20 0	22 12	17 8	18 0		90 0	90	0 90	0	13 0	12	13	12	13	2	15	0 8	0	0	3	0	0	24-Pergunnahs.
			19 0	20 0				-	1	-	11	104	11	104	3	2	0 8	0	0	3	0	0	Nuddea,
-						120 0	160	0 180	0	12 0	12	0	12	0	3 .	4	3	4	0	3	2	0	Khoolna,
			21 0	21 0		120 0	120	0 120	0	13 0	13	0	11	12						3	1	0	Jessore.
		-	19 0	19 6		120 0	120	0 120	0	11 4	11	4	11	14			1			3	6	0	Moorshedabad.
	-	-		•		160 υ	100	0 120	0	12 0	12	0	12	8	3	4 (3	4	0	8	2	0	Dinagepore.
			21 5	22 8	•••	240 0	240	0 240	0	12 O	12	0	12	0	3	0 (3	0	0	8	2	8	Rajshahye.
			13 0	13 4		120 0	120	0 110	0	13 4	12	8	12	12	8	0	В			**		1	Burgpore.
						90 0	90	0 90	0	10 8	12	0	10	8	3	2	3	4	0	3	4	0	Bogra.
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						1		reliants			kass silvs	r Logi.			t 19		1					1	Bastern Districts.
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-			16 0	16 0		140 0	140	0 120	0	12 12	12	12	12	0	3	2 (3	2	0	3	4	0	Forreedpore.
	-	-	13 0	13 0		120 0	120	0 120	0	12 0	12	0	13	0	3	4 (3	4	0	3	0	0	Backergunge.
	-	-	16 0	20 0				-		R 10 8	19	4	12	8	3 1	2 (3	8	0	3	2	0	Mymensingh.

In sub-divisions retail prices of salt per rupee were:—Laibagt and Kandi 12 seers and Jungipore 11½ seers.

In Nattore and Nowgong retail price of salt 12 seers per rupee.

In sub-divisions retail prices of salt per rupee were:—Gaibanda 9% seers, Nilphamari 13 seers.

In Serajgunge retail price of salt 12 seers per rupee.

In Alipore (at Fallacotta) retail price of salt 10 seers per rupee.

In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Naraingunge 11¼ seers.

In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, and Madaripore 12½ seers.

In sub-divisions retail prices of salt per rupee were:—Patuakhali 10% seers, Perozepore 11 seers, and Bhola 10½ seers.

In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9½ seers, Attea 12 seers, Jamaipore 10½ seers, Sherpore 10 seers, and Netrokona 12½ seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

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	1	Pre	1	Ne	1	Corr	1	Pre		NoN	Corr		Pre	1	Ne.	1	Corr	-	Pre	Ne	4	3	5	Pre	Na	Cor
ern Districts.				-				~		74.						4			70							
	1	8. C	b.	S. C	Ch.	S. U	h. 5	, On	5	. Ch.	S. On	1. 2	3. Oi	h.	š. 0	h. :	3. Or	a. 5	. Ch.	S	Ch.	S. C	Jh.	S. Ch.	S. Ch.	8. C
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^{*} In the interior retail prices of common rice ranged from 15\frac{5}{2} to 21 seers per rupee.

In sub-divisions retail prices of salt per rupee were:—Brahmunberiah 11 seers and Chandpore 12\frac{5}{2} seers.

In sub-divisions retail prices of salt per rupee were:—Buxar 12 seers, Sasseram 11\frac{5}{2} seers, and Bhabuah 11 seers.

In sub-divisions retail prices of salt per rupee were:—Madhubani 11 seers and Tajpore 11\frac{5}{2} seers.

In Sewan retail price of salt per rupee were:—Sitamarhee 11 seers and Hajeepore 12\frac{7}{2} seers.

In Bettiah retail price of salt 11\frac{7}{2} seers per rupee.

In sub-divisions retail prices of salt per rupee were:—Beguserai 11 seers and Jamui 12 seers.

D	isetum tideum.)	MBU.	MARY (Eleusi	ne Cor	RAGI.
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on retail price of salt 12 seers per rupee, price of salt 12 seers per rupee.

Published for general information.

18 0 18 16 0 16		Corresponding return	11 14 12 28 24	8 0	S. 12 14 12 29	Ch 0 0	S. 13	o i o o last year.
20 0 20 20 7 0 16 8 0 18 6 13 21	0		11 14 12 28 24	0 0	12 14 12 29	0 12 0	13 16 14 24	6
20 0 20 17 0 18 18 0 18 16 13 21			14 12 28 24	 0	14 12 29	0	16	0 0
			12 28 24	0	12	0	14	0
20 0 20 16 18 18 0 16 16 13 21	0		12 28 24	0	12	0	14	0
20 0 20 27 0 16 88 0 18 16 0 16 			12 28 24	0	12	0	24	0
8 0 18 6 0 16 6 13 21			24				1	
8 0 18 6 0 16 6 13 21				0	24	0	01	9
8 0 18 6 0 16 6 13 21			26		1		121	9
 .6 0 16 	0		1	0	26	0	23	0
.6 0 16 			22	0	20	0	20	15
6 13 21	5		22	0	22	8	20	0
6 13 21	0	·	25	0	24	8	22	0
			29	0	28	0	21	0
-	0		27	12	27	12	22	8
			24	0	25	4	20	13
			20	0	20	0	21	0
***			25	0	27	0	23	0
			20		20 Ka		16	0
1	1		17		Ka 19		18	6
-	"		14	£123				
-	_				15		200	
1	1		1					
			19	339		900	183	60
_		•••	16	953	1312	400	1833	68.
			16	0	1000	0	100	

11946

W In Sewau retail price of salt 11 seers per rupee.
X In Bettiah retail price of salt 112 seers per tupee.
Y In sub-divisions retail prices of salt per rupee were: —Beguserai 11 scers and Jamui 12

Districts of Bengal during the Fortnight ending the 15th June 1886-(Concluded.)

4	S	ICE F 40	0.0	ND	AU EE	MA)L	PEL	1		H																11880
	*			-0	LT.	SA						LT.	SA		1	D.	WOO	FIRE		THUR EA. licus.)	N I	DJA	CA		No.	MAIZE Zea Ma	
DISTRICTS.	Conference and an order or contract of the second	Corresponding return of last year,	-		Next preceding return.	7		Present return.	2	of last year.	Corresponding raturn	Next preceding return		Present return.	of last year.	Corresponding return	Next preceding return.		Present return	Corresponding return of last year.	Next preceding return.		Present return.		Corresponding return of last year.	Next preceding return.	Present return.
stricts.—Concluded.					s. A	R	. P	в. А	R	Ci	ı. S.	. Ci	b. 8	. (b. S	S. (Ch	Ch. S.	. S. (. S. Ch	Ch	. S.	. CI	h. 8	. S. CI	. S. Cl	s. Cl
Chittagong.	0	3 2	0	i 0	3 4	8	0	3 4	1	0	19	3 (0 1	2	0 1	120) (0 100	100	9 0	0	10	0 0	10			
Noakholly.				-						••••								. .						1			
Tipperah.	0	2	8	6	3	3	0	11	3	8	12	0) 1	10		.)	. [.			0	8	9 4	18			
Chittagong Hill Tracts. Hill Tipperan.	0			•	16	4	0		3	0	8		0 8		0 1	320	0 0	0 320	320	-		16	 B 0	16	-	-	
BEHAR.	-																	1									
Patna.	0	0	3 8	6	1	3	6	1	3	0	12	8	3 11		0 12	120	0	0 120	120		0	27	3 0	26	27 0	28 0	26 0
Gya.	0	5	1	0	5	3	0	5	3	0	11	0	11		0 11	200	0	0 200	200		0	23	١ ٥	21			
Shahabad.	0	1	0 :	0	2	3	0	2	3	0	13	8	3 12	Т	0 12	120	0	0 160	160		0	18	0	19	-		
Durbhunga.			0	0	4	3	0	4	3	0	13	8	3 11	U	0 11	176	0	0 160	160		0	20	0	20	20 15	25 0	23 0
Mozufferpore.	0	4	1	0	5	3	0	4	3	0	12	0	12		0 12	140	0	0 140	140		8	22	8	22	21 0	27 8	27 0
Sarun.	0	3	3	8	1	3	6	5	3	0	11	0	12		0 11	160	0	0 160	160		4	27	8	26	24 0	26 0	25 8
Chumparun.	0	4	3	0	2	3	0	5	3	0	12	4	12		12						0	27	0	27	21 0	28 0	
Monghy:	6	14	2	6	14	2	6	14	2	9	13	2	13	Y	0 13	126	0	0 126	126		0	21	. 0	21	22 0	21 0	24 2
Bhagulpore.	0	0	2	0	1	3	6	1	3	10	12	10	12		1	164	12	2 176	164		8	20	9	19	25 4	25 4	22 11
Purneah.	3	5	3	0	9	3	0	10	3	0	11	0	10	Z1 8		160	0	0 128	128	20 0	0	16	0	17			
Maldah.	3	1	1	0	6	3	0	4	3	0	12	8	11		1	160	0	0 160	160								
Senthal Pergna. ORISSA.	0	15	1	0	7	3	0	7	3	0	10	8	11	8	11	200	0 5	0 200	900		0	23	0	23	18 0	28 0	30 0
Cuttack.	0	12	2	0	12	2	0	12	2	0	14	0	14	(0 14	80	0	0 80	80	-1							
Pooree,	0	6	2	0	10	2	0	10	3	0	16	7	14		0 14	90	0	0 80	80	-	6	18	1	17			
Balasore.				0	14	3	0	12	3	0	10	8	9	68	9	120		0 130	130		0	14	0	14			
NAGPORE. Frontier Agency.	TA	West	th-	Sou	4	0								7.4													
Hazareebagh.	0 1	12	3	3	7	8	0	8	3	0	10	8	10	0	10	20	08	0 240	240		0	20	0	18	16 0	21 0	4 0
ohardugga.	0 1	10	3	0	2	4	0	2	4	0	10	8	9	8	9	20	0 1	0 120	120		0	18	0	18		18 0	.,
Singbaoom.	0 8	0 -	4	0	0	4	0	0	4	0	9	0	9	0	9	20	0 8	6 360	360		0	21	0	21		444	
fanbhoom.	0 2	8	3	6	6	3	0	6	3	10	10	10	11	10		40	0 2	0 240	240		0	18	0	18			

ns retail prices of salt per rupee were:—Banka 12 seers, and Mudehpura and Soopole 10 seers.

as retail prices of salt per rupee were:—Kishengunge 10 seers and Arrareah (at Ranigunge) 12 seers.

as retail prices of salt per rupee were:—Rajmehal and Godda 11 seers, Pakour 12 seers, and Jamtara and Deeg hur

¹³ seers.
Z3 In Bhadruck retail price of salt 9 seers per rupes.
Z4 at kharagdiha in Gividi sub-division retail price of salt 12 seers per rupes.
Z5 In Govindpore sub-division retail price of salt 12 seers per rupes.

MARUA OR RAGI. KANGNI OR KAR ITALIAN MILLE (Setaria italia Setaria
11966

undermentioned Marts of Bengal during the Fortnight ending the 15th June 1886.

4					1945 1553	-					100						161 F			1						233	100 P	100		ī	100												100					
GRA	D	ico	LY.	01	8	UZ	A	FA.	•	I	N D					OR ays		AI	ZE.				CA	DJ	AN	P	TH EA.	6.08				1	IR	EW.	oor							8	AL	T.				
Desiral salara	riesenv return.			Nort propading rathen	Summanud			of last year			Present refuse	Tresent letuin.			Next preceding return.			Corresponding return	of last year.			Present return.			Next preceding return			Corresponding return	or rast year,		Present return.			Next preceding return.			Cerresponding return	or seek John.		Present return.			Next preceding return.			Corresponding return		MARTS,
R.	۸.	P.	R		۸.	P.	R		P	F		۸.	P.	R	. A	P	F	٤	. 1	P.	R.	۸.	P.	R		. P.	F	. A	. Р	B	. A	P.	R		P.	R	. А	Ρ.	R		т.	R		. P	В	. A.	P	
1 1	12	7	1	1	2	0	2	0	0	1	1	3	3	1	12	(9	1	2	0	2	0	0		1 1	15	0			0	7	8	0	8	3	0	6	3	2	19	0	2	15	. (2	12	(Calcutta,
2	3	9	2		2	0	2	4	0			•								1	74							•											2	9	0	2	9	0		•••		Serejgunge.
2	в	0	2		6	0	2	8	0										•				Hall Street							0	5	0	0	5	0	0	7	6	3	2	0	3	2	0	3	0	0	Dacca.
2	7	0	2		6	0	2	3	0								-				2	6	0	2	6	3	0			0	8	0	0	8	0	0	8	0	3	3	0	2	14	0	2	14	0	Naraingunge.
3	8	0	3		4	0	3	0	0												3	19	0	3	12	2	0 4	0		0	6	0	0	6	0	0	4	0	3	4	0	3	4	0	3	2	0	Chittagong.
1	б	6	1		5	0	1	10	0	1		6	6	1		•	1	,	6	6	1	6	0	1	•	3 (0			0	4	6	0	4	6	0	4	9	3	1	6	3	1	6	3	0	0	Patna.
			2		8	0	2	7	0								1				2	12	0	2	12		0			0	5	0	0	5	0	0	4	0	3	12	0	3	14	0	3	12	0	Balasore.
ı																				1											***								2	10	0	2	10	0	2	6	0	Pooree.
,	2	0		ka	lai)	U	2	0	0										.0	1			1							0	8	0	0	8	0	0	8	0	2	12	0	2	19	0	2	12	0	Cuttack,

ated 12th May 1886, page 950, for "Rs. 2-14-0" against Serajgunge, Rice common. Present return, read "Rs. 1-14-0."

Published for general information.

P. Nolan, Offg. Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

								16	STAT	TION OBSI	TAVAS	IONS.	78. 12		4.	
	- 100 AV			AIR	PRESSU	RR.	WIND				10	Tra	CPRRAT	URB.		
DIST	RICT,	Representat	140	Mean barometric height, 10 A.M.	Mean, reduced to sea-level.	Variation from mean.	revailing direction.	Mean wind velo-	Highest during week.	Date.	Lowest during ueek.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily tem- perature of week.	Variation from normal mean of week.
	(Gopalpore		29.467	29.517		ssw	240	89.2	12th, 13th	78'8	14th, 15th	86.6	81'1	83-9	-
Pooree		False Point		29'451	29.471	156	ssw	329	91.5	June.	741	June.	89'1	79'1	84'1	-2.5
Cuttack		Cuttack		29.410	29'490	-:116	w	89	102.9	13th, 14th June.	75'9	18th ,,	95.2	78.7	87.0	1.0
Balasore		Balasore		29'414	29.472	_	NNE	131.7	100.4	13th	70'4	18th ,,	92.3	78.9	83 2	
	Midnapore)			00.417		1										
	ergunnahe	Saugor Island	***	29'417	29*443	-,159	SSE	360	94.7	14th ,,	78.0	16th, 17th June.	89.9	80'4	851	-0.7
Midnapore		Midnapore		29°321	29.470	-	NE	203'8	104.4	13th ,,	75'8	16th ,,	95.0	78.7	86.9	_
24-Pergunn	nhs															
Howrah Hooghly	* = =}	Calcutta		29*458	29.479	-102	SSE	182	96'5	13th, 15th June,	75 2	17th ,,	92.1	78-6	65.4	+0.5
Burdwan		Hurdwan		29*404	29*502	080	E	147	98:7	13, 14, 15,	76 9	16th ,,	94'9	79.6	87.3	+0.0
Bankoora		Bankoora		29.192	-	-	SE	126	100.6	June.	75.6	17th, 18th	94'2	81.2	87*7	-
Beerbhoom	}	Raneegunge		29.171	_	_	ESE	212.3	102.2	13th	76:4	June.	95'1	80.1	87.6	
West Burd	wan	Limbokunke		1 1			2.52			13th ,,		June.				
Moorshedah	nad	Berhampore		29'461	29*528	063	E	170.0	98.7	15th "	77.3	15th, 17th June.	92.0	79.4	85.7	-0:1
Nuddes		Krishnaghur		29.468	-		ESE	167.1	98.8	15th ,,	76.8	16th "	93.2	78'4	85'8	-
Jessore	}	Jessore		29.497	29.530	-'078	Е	186.9	98.3	15th	77'4	16th, 17th	91.3	79.3	85.8	+
Khoolna)			90453	Deven							June.	-			
Chittagong	CONTRACTOR OF THE CONTRACTOR O	Chittagons	-	29*524	29.613	'065	ESE	134		14th, 15th June.		16th, 17th June.	86.1	77.4	81.8	+0.4
Chittagong	Hill Tracts	Demagiri		goven-	40.555	incent.			20.0	s not receiv						
Backergun	ge	Barrisal	-	29.535	29.547	ı-	SE	120.8		June.	77 3	16th .,	88'3	79'5	83.9	-
Noakholly		Noakholly		29.532	29.576	-	Calm	P		15th	76.8	June.	86'8	78.0	82'4	-
Furreedpo	re	Furreedpore		20 010	-		E	180.0	93'5	15th ,,	76.9	16, 17, 18 June.	1 857	78.2	83'4	_
Dacca		Dacea		29.542	29.564	050	ESE	161	94'3	15th ,,	75.6	15th ,,	87.7	78'0	82.9	-0.4
Tipperah		Comillah		29.523	29.558	-	E	57.4	95.3	15th ,,	75'8	17th ,,	89.6	77'6	83'6	
Mymensing	rh	Mymensingh		29.515	-	-	ENE	149.5	91.8	15th ,,	76.1	16th, 17th June.	88'8	784	83'4	_
		Bogra		29*492	29.534	_	ENE	151'0	94.3	15th, 16th	74.8	17th ,,	90.4	78'5	84'5	
Bogra and	Pubne	Serajgunge		29.523	29.570	-	Е	154'5	96.1	June.	75.7	18th ,,	91.9	78.3	85.1	
Rajshahye			esu-	29'461	29.230	-	SE	133.2	99'4	June,	7616	17th ,,	92.2	79.5	85.9	_
Maldah		Maldah		29.393	-	-	Easterly.	31.4	98.7	15th ,,	76.4	17 h, 18th	98'4	78.7	86 1	_
							777/74%	en yerreda				oune.				
Dinagepore		Dinagepore	***	29'454	29.573		ENE	188'1	96'6	15th ,,		17th .,	92.6	79°2	85.9	-
Rungpore		Rungpore	-	29.470	29.594		Е	87	96.3	June.	78 6	17th ,,	91.9	76.2	84 2	-
Julpigoree	ar}	Julpigoree		29*341	29.627	-	E	116.7	97.9	16th ,,	69.8	17th "	93.2	76.9	85.2	-
Cooch Beh	Hill Districts	Darjeeling		22.890	_	+.018	ENE	104.6	72.1	16th	4816		0714	F.010	62'1	. 200
Purneah)			-500			LINE	54.0			43.0	17th .,	67.4	56.9		+3.6
North Bha		Purnesh	***	29.434	29.558	022	ESE	94'8	101.5	15th "	7	-	96.9	1	1	9
Mozufterpo		Mozufferpore			100			Ob	servatio	ons not take	en,					
Durbhung		Durbhungs		29.378	29.242	'012	ESE	199		17th June		18th June	98'2	82.6	90'4	+4.7
Chumparu	ъ	Motihari		29.305	29'528	-	ESE	216.1	103.3	16th ,,	77:4	17th, 18th	99.0	82'4	91.1	-
Sarun		Chupra		29.322	-	-	E	203'2	107.5	14th ,,	76.0	June.	104.3	- 83 6	94.0	-
	1	Denree		29.133	29.477	-	ESE	198'6	104.5		65.0	18th ,,	96.6	76'4	86.5	-
Shahabad		buxar		29:245	29.481	-	E	296.1	108.4	& 15 June. 13th, 14th	75.8	18th ,,	102.7	85'0	93.9	-
100 mg	· ·	Arrae		29.286	20.478	-	E	236'4*	107.4	13th "	76 7	18th ,,	102.0	85.0	93.2	-
Gya		trys		25-100	29.467	'084	Е	147	109.6	14th "	69.3	18th ,,	102'5	79'8	91.3	+1.5
Paus .		Bankipore		29.342	29'520	037	E	215	106'6	13th "	77.2	18th	101.5	84 3	92.8	+8'8
South Bha	galpers	Виминроге		29:351	29'510	_	Е	118	99.9	15th ,,	7610	17th	95'8	80.8	88.4	_
Mongnyr)															
Sontast P			***	29.005	-	-	ESE	120.7				17th ,,	93'6	79'8	86.7	+1.3
Hazaribag			•	27.511	29'405	- 072	Easterly	326	101'0	13th .,	71.7	17th	9378	1 76'8	35'3	
Manti oor		Ranchee		27:387	29.464	-	SSE	251.7	101'5	13th "	70'9	17th ,,	92'6	76 0	8414	-
		Chyepman		45.701			N		200.0	Lin					0.00	
Singunon			***	28*701	TO MELLIN	-	Variable	116.8	102.3	13th ,,	74'7	17th ,,	95'3	80.1	977	

. Means for six days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the reading. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 a ations of rainfall," the normal means are the numerical means or averages of the rainfall in that district determined from the returns sent the district (i.e.) from the total rainfall at the sup-divisional stations in the district sending in returns divided by the number of

he week ending Friday, the 18th of June 1886.

	-	_b_			3)	BIRICT	OBSER	VATIONS.				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
week.	t at		1			R	AINVALI	4-14-1-1								
for	week at stations,	O1 v	reek.		ce 1st of m	onth.	100	ce 15th May	1886.	mber lays,	mber 158.	Representati	ve	DISTRIC	T.	2.44
Average closat 10 A. M.	Rainfall of observing	Mean for district.	Normal mean,	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation,	Average number of rainy days,	Normal number of rains days.					
67	1.09	-	-	2	-*	-	-	-	_	-	-	Gopalpore	<u>}</u>	Pooree		
9.6	5.88		1.91	kart in d	8.73			5.21		1	2.9	False Point	5	200766	***	•••
8.0	7.29		2.03		3*86			5.60			3.5	Cuttack		Cuttack		
8'7	11.18		1.70		4.14			6'24	1		2.9	Balasore	•••	Balasore		***
77	5.30	3.74	2:37	5'41	5-21	+0.50	6 26	7'50	-1'24	4'7	3'4	Saugor Island	{	South-West M	dna	pore
6.7	5.03	5.80	2:38	6.28	5'42	+1'16	8.12	7'41	+0.41	5.7	2*8	Midnapore		South 24-Pergu. Midnapore	nnah	
													-	24-Pergunnaha	**	***
9.0	6.71	6.09	2.20	7*60	5.94	+1:66	9.95	8.25	+1'43	41	3.7	Oaloutta .		Howrah	***	·m
		1				+0.33							1	Hooghly	***	***
6.9	6.84	4.75	2.19	5.28	5.25		9.64	7.41	+2 23	. 4'0	3.3	Burdwan		Surdwan		v
5'4	4'99	5.12	2'52	5*36	5.79	-0.43	9.77	7.25	+2.22	4.0	4.0	Bankoora		Bankoora		
73	4:95	4'57	2.97	4.71	5:48	-0.77	7.70	7:12	+0.64	4'0	3.7	Raneegunge		Beerbboom		
	-	4110	9100		5.18	1	Drop	H.M.			9.5		1	West Burdwan	***	
7.9	3.02	3.88	2.60	5'23	6.20	+0.02	9.08	7·75 9·80	+1.33	3.8	3.5	Berhampore	***	Moorshedabad		
10	3.06	0 65	2 30	4.19		-2:40		5 00	+0.17	3.4	01	Krishnaghur		Nuddea	***	
9.1	5:81	6.52	3.21	7:14	8.03	-0.89	12.2	11.26	+1.56	3.8	4.2	Lanuara	{	Jessore	•••	
8'4	1.97		9.80		17.66			23.12			5'4	Chittagong		China	***	
		2.75	7:24	15.24	13.46	+1.78	19.98	17:60	+2.38	6.0	5.7	Demagiri		Chittagong *	***	
8.9	6.41	5.73	5.25	11.28	12.14	-0.86	18.09	15.96	+2.13	3.2	5.5	Barrisa)		Chittagong Hill Backergunge	Tra	cts
8/9	4.53	3.92	9.51	12.86	18.77	-5'91	15:40	23-97	-8'57	4.0	5.1	Noakholly		Noakholly	•	*
3.4	2.72	3.67	3.50	7.01	8.08	-1.07	12.88	12.21	+0*37	4:7	4'4	Furreedpore	***	Farreedpore	W.	
7'9	5.05	4.83	4.00		7.89	+0.66	14'20	11.89	+2.31	4'5	4.7	Dager			*	•••
6.1	4.69	9 53	6.52	8*55	11.79	7000	1	16'42	- at		4.8	Comillah	***	Daces Tiprore b	***	***
5.7	0.21	1.17	4.91	3.76	11:18	-7'42	7'54	16-15	-8:61	2'4	4.7	Mymensingh	***	Tipperah	•••	
			nue o		7:50								•••	Mymensingh	•••	
5.1	1.67	1.60	3:39	3'54	7.32	-4.05	11.25	11.23	-0.58	2.3	3.9		-}	Bogra and Pubn		
44	1.75	2.20	2.80	2.89	6.15	-4·43 -2·54	8.31	9'16	-0.85 -0.85	3.2	4·2 3·3)			•••
31	3'40	3'41	2.98	3.61 3.61	6.02	-2'54	6'46	8.37	-0.92	2.2	3.5	Rampore Beaul		Rajshahye	•••	
		2 24		2.01								Maldah		Maldah		•••
61	0.91	- 1*50	3.83	2.22	8'14	-5.89	9.17	10.78	-1.61	2.6	4.0	Dinagepore		Dinagepore		***
6.0	0.79	1.84	5'45	8'14	12*69	-9.55	15.01	10*24	-4.53	3.3	4'4	Rungpore		Rungpore	••	
6.3	1.28	1.78	7'21	4.11	9.18	-5:07	9.82	27.15	-17:33	3.0	5.6	Julpigoree	5	iulpigoree	•••	
8.6	7.91		8.10	11-76	15 26	- 9150	17.06	20.78	-3.72	4'0			(Couch Benar		
		5.73	8 10	11-76		-3.20	17 06	20 10	0.72	- 0	5.2	Darjeeling		Darjeeling Hill	Distr	riots
7.0	1.23	1.25	3.93	2.70	6.34	-3:64	7.94	, 8:37	-0'43	2.2	3.4	Purneab .	{		•••	
		1*39	2.98	1.47	4.05	-2.55	4'00	4 96	-0.96	20	2.4	Mozufferpore		North Bhasulpo Mozufferpore		
4'4	0.28	1.46	2.97	1.82	4.23	-2:41	2.88	5 33	-2:35	1.7	2.6	Durohunga		Durbnungs	"	•••
7.7	0.40	0.30	2.15	0.96	8 91	-2.95	8:33	5'14	-1:81	1'5	2.5	domari		Chumparun		**
41	2.19	1'38	1.78	1.38	2.95	-1.57	3'44	3.66	-0.55	1.3	214	mupra	-	sarun		**
4.7	0.75					SHE						Denree .				•••
3.0	0.99	2:31	1'87	2.20	1'88	+0.62	8*27	2'34	+ 0.93	2.0	2.5	ouxar .		Snahabad		***
5.1	1.26											arrsh .	ز			
6.4	3.36	2:21	1.85	2.36	2.49	-0.13	4.07	8.26	+0.21	2.8	2.3	rya	+	Gya		••
			2.55		2'87			3.91		Oliva, 1895 F	2'4	naukipore		Patna	•••	***
4*7	2.97	3.82	2.07	4.91	5'84	+1'57	7:39	4'54	+2.89	2*4	27	пакціроге)	South Bhageige	re	
6.0	5.08	4.45	2.82	5.27	4*79	+0.48	8.89	6'41	4.0145	9/2	3.6	роотока		nongny?	***	•
7.0	4.59		2.78		4129	1048	5 50	5'24	+2.48	3'5	38	ABSECTANGE.		Sontan Pergue	DBLS	
7'3	4.0			1.04			(¥155000			4.0		•	Magaribagh	•••	***
F-32.78	4.41	8.85	2.17	4.07	3.70	+0'37	6 50	4*93	+1/57	3.2	3'4	tauchee	1	annunoum		
61	SPECIFICATION AND ADDRESS OF THE PARTY OF TH	The second second second second	SPECIAL STATE	1000 B 10		DESIGNATE OF THE PERSON NAMED IN	11.51	5.91	PROSE CONTRACTOR	EXPLOYED NOT		The second second second second	H2419		***	•••

The number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observable on which at least hundredth of an inch fell,

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of June 1886.

4-3					R	AINPALI				Тот	AL.			1	
Meteorological division,	District.	Station.	Saturday, 12th	Sunday, 18th June.	Monday, 14th June.	Tuesday, 15th June.	Wednesday, 16th June.	Thursday, 17th June.	Friday, 18th June.	Number of rainy days.	Rainfall of week.	Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1886,	Average rain from May to d
ORIBRA	Pooree	Pooree Khurdah Banpur False Point Gop Pipli		0°16 0°30 0°33 0°27	0°92 0°01 0°02	1°30 0°98 0°65 2°55 1°50 1°35	1.90 0.74 1.68 2.40 1.00	0.20	0.08	6 5	4°86 4°80	5.48 5.61	3°16 4°23 4°49 3°01	9°03 7°04	1
	Outlack	Jagatsingpore Banki Outtack Kendrapara Jatpore Dharmsalla Salipore	0.25	1.65	0.03	6:00 0:77 2:63 2:22 1:22 1:50	0°57 1°67 2°17 1°59 1°00	1°38 0°77 1°71 1°65	1.87 2.56 3.18	4 4 4	7:03 7:08 7:33	9°31 9°25 7°77	2°53 3°17 5°29 4°03 4°27 ?	11:39 10:84 12:95	•
	Balasore	Chandbali Bhuddruck Sorah Balasore Jellasore Baripodah	0°20 0°43 0°10		1-21	2·15 0·39 1·20 1·30	0.52 4.80 3.23	0°85 1°23 2°35 0°70	3.87 3.43 1.30 6.60	3 5 5 6	6.87 5.77 10.08 13.14	7'90 7'99 11'12 14'76	3:57 4:06 4:11 3:49 4:07 5:49	13.85 10.60 15.35 16.16	
BOUTH-WEST BENGAL.	Midnapore	Contai Saugor Island Tumlook Midnapore Ghattal Devog Heria Bhagwanpore	0°20 0°17	0°14	0.62	0.47 0.36 1.30 0.48 0.81 0.80 1.20 1.95 1.61	1'62 2'22 1'70 3'03 2'90 0'98 0'85 1'01 2'60	0'46 2'22 1'50 0'40 1'30 0'78 0'29 2'04 1'39	0°18 0°15 0°60 1°32 0°39 0°09 1°29 0°32 0°62	4 4 6 5 6 5 4 4	2·73 4·95 5·80 5·37 6·22 2·95 3·63 5·32 6·22	5'04 7'09 8'00 5'48 6'24 3'39 6'45 7'36	5'07 5'43 4'82 4'88 6'56	5°10 8°19 9°90 7°16 7°26 8°60 8°30 12°28	
	24-Pergunnales	Canning Town Alipore Jail Barrackpore Dum-Dum Baraset	0.13	0:39	0.04	0°20 0°27 0°76 0°51 0°10 0°24 0°69	0°36 1°36 3°50 1°12 3°11 1°64 1°68	2:53 2:03 2:68 3:15 3:37 3:50 0:92	0°03 0°20 0°28 0°30 0°05 0°48 0°52	6 5 4 4 4 5	3'55 3'99 7'17 5'08 6'63 6'19 3'81	4·10 4·20 7·34 5·08 6·63 7·53 6·01	5.12 9 6.15 6.76 6.03 5.94 6.80	12'20 5'48 8'53 5'30 8'12 9'61 11'46 12'91	
	Howrah	Howrah (Ooloberiah.) Serampore			0:02	0°41 0°36 0°29	4·25 1·60 2·05	1.95 3.13 3.00	0.10	3 4 5	6.61 5.19 5.86	6.65 5.85 5.86	5.95 5.46 6.22	8°60 8°05 9°16	
	Hooghly	Hooghly Jehanabad Culna Burdwan			1.67 0.16 0.40	0.85 0.87 	2.78 4.45 1.63	0.63 3.02 1.97 2.74 1.50	0.50	4 4	5.73 8.60 4.22 6.84 3.19	6'06 9'02 6'58 6'91 3'26	5.06 4.99 5.65	11.55 11.05 9.73 10.41	
	Bankoora	Cutwa Mankur Raneegunge Bankoora Bishenpore	0.05			0.25 0.11 0.25 0.32	1'10 1'59 1'54 1'90 1'60	2.83 2.82 2.55 2.45	0°00 0°73 0°65 0°35 0°83	4 4 4	5.26 5.03 5.05 5.20	5.72 5.06 5.17 5.20	6:36 9 4:13 5:26 6:74	8'77 8'54 7'47 9'57 11'63	
		Maliara Khatra Indas Kotalpore Anda Gangajalghati Raipore Sonamukhi	0.39			0'46 0'26 0'48 1'35 1'29 0'20	1'33 1'18 1'63 1'36 1'40 0'65 1'80 1'72	2'14 2'74 3'28 2'00 0'90 3'75 1'76 0'80	2:00 0:30 0:75 0:36 0:60 0:22 0:45 0:12	4 4 3 3 5 4	5.93 4.48 6.14 3.72 2.90 6.36 5.30 2.84	5 '99 5 '03 7 '59 5 '11 2 '99 7 '89 7 '14 5 '01	5.26 5.88 P P P	9°14 8°68 12°02 7°76 5°50 10°55 12°12 8°55	
	Beerbhoom	Bh. Soory Hetampore Rampore Haut Bolpore	==			0°60 0°82 0°05 1°56	0°72 8°52 0°48 1°00	2°58 1°26 1°28 8°24	1'40 0'20 0'62 1'65	4 4 4 4	5°30 5°53 2°48 7°45	5.20 5.23 2.75 8.06	5.23 6.81 5.74	9°56 7°67 5°76 14°71	
	Nuddes	Ranaghat Kishnaghur Chooadanga Meherpore Kooshtea				0.38	1.74 1.11 1.32 1.12 0.86	1'96 1'41 1'72 1'10 8'61	1'08 0'27 1'01 0'40 0'06	3 4 3 3 4	4°78 3°17 4°05 2°62 4°77	4.88 3.23 4.05 3.53 5.22	6°62 5°61 6°72 6'63 7°37	8*40 4*80 13:13 11:39 12:19	1
	Choclna	Satkira Bagirhat Khoolna				0°41 0°19 6°07	1*67 3*30 3*26	1.63 1.02 4.62	0:08 0:32 0:14	4 4 4	3'79 4'83 8'09	8-92 6-24 8-79	7'59 8'62 7'61	7°13 8°60 12°21	1 1 1
	Јевжоте	Narail Jessore Jhenidah Magoorah Bongong			0.12	0°20 0°20 1°24	2'40 2'52 2'18 3'25 1'75	8'56 2'90 4'52 5'47 1'10	0°19 0°27 0°25 1°32	4 5 8 8 8	6:35 6:01 7:89 8:97 4:07	8'74 6'37 8'51 10'42 4'07	7°99 8°81 9°13 7°66 6°82	12°29 8°86 18°34 23°33 9°41	1 1 1
	Moorshedabad	Kandi Berhampore Lalbagh Azimkunge Jungipore Lalgolah				0°55 0°42 0°66 0°96 0°50	1.55 0.52 0.31 0.36 0.10 2.55	0.43 1.87 2.20 1.90 2.51 0.65	0°10 0°71 1°54 2°00 1°24 0°95	4 4 4 4 3	2.63 3.52 4.71 5.22 4.35 4.15	4.10 5.83 6.01 5.89 5.11 4.45	5:57 5:71 5:03 5:13 4:33 5:28	6 80 9 38 9 85 10 92 8 58 8 88	
EAST BENGAL	Chittagong	Cox's Bazar Chittagong Kutubdia Satkanya Ransamati	0°23 0°06	0°53 0°09 0°70 0°47 0°12	0.13	0°91 0°15 0°75 0°54 0°21	4°15 1°90 1'33 0°70 1'30	1°32 0°29	0'09 0'48 0'70	6 6 6	7.08 2.68 2.82	19*01 14*14 16*84	20:42 14:89 ? ? 12:79 14:11	23.48 18.62 21.43	
	Hill Tracts.	Patuakhally Perozepore Burrisai Bhola	0°09	0.15		0-17	9°12 8°56 1°43 1°25	2'82 0'52 4'12 2'04	0'40 0'24 2'31	2 4 3 5	5°94 4°65 5°79 6°54	18'56 8'91 10'26 12'39	14.85 9.87 9.56 14.78	21*78 10*70 17:17 16*72	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of June 1886—contd.

	8			The second	B	LAINPAL	I.			Tor	-		American		
slogical	. District.	Station.	Saturday, 12th	Sunday, 13th June.	Monday, 14th June.	Tuesday, 15th Jane.	Wednesday, 16th June.	Thursday, 17th June.	Friday, 18th June.	Number of rainy days.	Rainfall of week,	Total rainfall since lst of month,	Average total rain- fall from 1st of month.	Total rainfall since 15th May 1886.	Average rainfall from 15t May 1886 to date.
ENGAL	officialisms	Gournaddi Bauphal	0'17			0°23 0°27	2.60 2.50	1'94 3'68	0.38	4 5	5°15 7°69	6-31 13-59	?	11.79 21.57	1
ld.	Noskholly	Noakholly Fenny Harishpore.	0.53	0.13	0.06	0.08	1.78 3.50	0°73 0°30	0:26	5 3	3 13 4 70	15°56 10°14	15:33 22:19 ?	18:47 12:31	20°3 27°5 ?
	Furresdpore	Ramganj Madarpore Furreedpore Goalundo	0.82			0°98 1°00 0°62 0°20	1°24 1°70 0°82 0°50	1.75 2.52 0.75 1.05	1'57 0'17 0'25 0'55	4 5 4 5	5'54 6'21 2'44 2'35	16.61 14.80 3.12 3.12	7.66 8.81 7.75	28°67 17°42 11°43 9°80	12/1 13/8 11/4
	Dacca	Munshigunge Dacca Narainkunge Manickgunge Joydebpore	0°31 0°31			2.92 1.32 2.84 0.31 0.25	0.69 0.66 0.64 0.51 0.33	1.00 1.12 0.94 1.59 0.72	1.37 1.22 1.40 0.65 0.56	5 5 4 5	5.98 4.63 5.63 3.06 2.69	11'86 9'34 9'14 10 01	10°34 8°28 8°28 6°61 9	18°36 12°62 15°38 12°74	14.77 12.74 10.44 10.61 P
	Hill Tipperah Tipperah	Agartola Comilla Chandpore Brahmunberia Ramchandra-	0.18	0.23		2°05 0°80 1°60 1°30	0°50 2°15 2°40 0°62 0°54	0°56 0°25 1°10 0°36 0°12	0.05 3.75 0.48	5 4	4'73 8'05 2'44	7.66 15.95 3.76	10°36 13°23 12°28 11°28	12°45 19°60 8°72	15'00 18'00 16'10 16'40 P
		pore. Nasirnagar Daudkandi Kasba	0.38		0.94 0.49	2:90 0:18 1:08	0°71 1°01 1°54	1'22 0'32 0'41	1.27	6.4	7:42 2:00 3:03	11.68 4.25 7.99	Pr 9: 9: 9:	14°91 5°33 9°85	7 2 2 2
	Mymensingh	Kishoregunge Atia (Tangail) Mymeusingh Jamalpore Netrokona	· · ·			0.22	0 06 0 33 0 07	0°19 1°90 0°24 0°76	0°25 1°48 0°22	3 2 3 2 2	0.66 3.38 0.52 1.09 0.22	2:20 5:5: 3:44 2:8; 4:82	13:47 8:36 12:78 9:68 11:57	6°78 7°68 7°39 6°90 8°97	18:46 12:18 19:08 14:41 16:60
		Subornakhally Durgapore					0.08	0.42	0.33	3	0.85	3.29	9	18'65	P
ENGAJ	Pubna	Pubna				0.17	0°45 0°03	1:56 1:24	0.59	4	2.47	2°81 2°97	7°70 6'81	8°19 8°41	11°36 10°78
	Bogra	Sherpore Nowkhilla Bogra			===	===	1.22 0.03	0°47 0°52 1°15	0°13 0°82 0°15	3 3 2 1	2.12 1.37 1.30 1.62	6:02 1:90 3:07 3:17	6.63 8.44 8.25 7.03	15.21 9.00 10.30 13.19	11.45 11.62 12.75 10.30
LA.	Rajshahye	Beauleah Nattore Nowgong		===		0.36	0.19	3.56 0.50 1.45 3.27	0.26 0.62	4 8 1 2	4.67 2.15 1.45 3.40	5.02 2.15 3.46 3.69	5.91 6.32 9	9°67 676 10°35 9°99	8.62 9.67 P
	Maldab	Maldah Chanchal	===			•	0.03	1.30 2.75 0.95 1.45	0.65 0.10 0.38	1 2 3 2	3'40 1'08 1'83	5·24 1·97 2·31	5.79 6.30	8'06 4'85 4'92	7.79 8.90 7
	Dinagepore	Sibyanj Mohadebpore Churamon*					0.21	0.88 1.31	0.25	3 2 2 2 3	4'40 . 1'38 1'68 1'33	3°38 2°80 1°42	9°38 7°52 8°09	8°05 6°45 6°93	12:08 9:26 10:83
		Raigunge Dinagepore Baloorghat	ж			0.04	0.16	1°17 0°76 2°07	0.02 0.04	4 2	0.98	2.49	9°37 6°12	15·99 8·45	13:08 8:64
	Rungpore	Bhawanigunge (Gyabanda.) Rungpore				0.10	0°12 2°11	0°45 0°32 0°59	0.25 0.41	2 4 4	1'03 0'80 3'23	1'65 1'21 5'12 4'57	10°45 † 14°29 15°08 13°91	12:31 12:58 17:74 17:41	15°24 17°60 23°03 21°07
		Bagdogra (Nilphamari.) Ulipore					0.75	0.70	0°45 1°20 0°46	3 2 3	2·43 1·90 1·15	4°29 3°94	9	20'15	24,33
+ 11	Julpigoree Cooch Behar	Julpigoree Alipore Doar Fullacatta Debiganj Cooch Behar Mickligunge	0.31				0.55 6.57 0.07 0.23 0.95 0.28 0.44	0°20 0°25 0°32 0°51 0°40 0°32 0°37	0°71 0°45 0°21 1°41 0°64 0°92 1°01	3 4 8 3 3 3 3	1'46 1'58 0'60 2'15 1'90 1'52 1'82	5°11 2°70 4°28 5°37 3°66 3°31	P P 19:29 22:23 14:85 17:74	12.53 8.09 10.77 10.77 8.78	29.93 31.01 22.90 27.62
	Darjeeling Hill.	Matabhanga Buxa Silliguri Darjeeling	6.08 1.34 0.90	0.49	0.01		0.38	0°39 0°54 2°28	0.08 2.60 3.12	8 4 6	6.55 4.86 8.12	11.63 17.56 11.04	25°05 12°65 12°95	20°31 24°49 15°55	38:57 15:60 16:54
BHAR	Purneah	Kalimpong Kissengunge Arraresh Purnesh Gondwara Balarampore					0.61 0.67 0.59	0:39 0:65 0:41 1:24 1:10	2:39 0:37 1:02 0:75 0:35 0:30	3 2 2 3 2 2 2	3 39 0 72 0 78 3 15 1 85 64 0 30	6.83 2.26 0.78 2.19 1.39 0.30	10°36 9°11 6°71 6°46 F	7'87 9'72 7'83 4'81 2'89 10'06	12-20 11-9: 9-17 8-18 P P
	North Bhagul- pore.	Matiari Kaliaganj Madaapore Soopool Protabganj						0°68 0°24	0.31 0.30 0.31	2, 2, 2	1.85 1.14 0.81	2.06 1.76 0.81	# 4:30 5:15	5°24 9°36 5°23	6.00 6.00 5
	Durbhunga	Tajpore Durbhunga Madhubani Rahera			===			0°50 0°12 	2.66 0.46 0.05 0.82 1.58	2 2 1 1 2	3°16 0°58 0°65 0°82 2°48	3:16 1:65 0:65 0:82 3:42	3°93 4°39 4°37 . ?	3°16 2°93 2°85 1°57 8°52	4.77 5.46 5.78 7
100	Mosufferrore	Roshera Sitamarhi Mozufferpore Hajipore Paru						0°06 0°17 0°15	0°34 1°12 2°32 1°20 1°60	2 2 2 1 1 1	0°40 1°29 2°47 1°20 1°60	0.40 1.46 1.2.52 1.82 1.60	4*81 3*88 3*37 9	3.29 5.18 3.29 1.81 2.68	5.8 4.8 4.0
	Ohumparun	Mahua Sinhar Pupri Motihari Bettiah Bagaha				0.86		0.02	0°45 0°30 0°24 0°20 0°45	1 2 2 2 9	0°45 0°85 0°24, 0°56 0°48	0°45 1°51 0°40 1°32 0°78	9 8.71 4.00 9	4°31 4°00 2°65 8°53 2°00	5·0 5·2 9

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th June 1886 - coneld,

		The state of the s			R	AINFALL				Тот	LL.		, ja		
Meteorologics; division.	District.	Station.	Saturday, 12th June.	Sunday, 13th June.	Monday, 14th June.	Tuesday, 15th	Wednesday, 16th June.	Thursday, 17th June.	Priday, 18th June.	Number of rainy days,	Rainfall of week.	Fotal rain- fall since 1st of month.	Average total ram- fall from 1st of month,	Total rainfull sinds 15th May 1886.	Average rain from 1 May 1 to da
NORTH BEHAR	iarun	Gopalgunge						0109	0:89	1, 2	0.80	0:80	3°13 3°20	3'64 3'24	
-continued.		Sewan Chuprah		******		******	*****	0.03	1.67		1.67	1 67	2:51 1:65	3.42 1.30	1
SOUTH BRHYB	Shahabad	Buxar						0.13	0.86	2 2	0.98	1.30	9	1'60	
	200	Bhubooah						1.70	2.20	2 2	4:20 2:48	4.70 2.68	1.64	6 16 3:24	
		Arrah		******				0.02	1.23	2 1	1'58	1.28 5.30	2.42 P	2 10 2 30	
		Mohania		*****		******			2.30	+	5.30	5 75 170	ALCOHOLD ST. SAN		
	Gya	Aurungabad		Emmi.		*****		1.68	1:25	2 3	2 93	2.93, 8.11	2'92	4.51 4.69	
THE HALL SHE	100	Nowadah		******		0.25	0'48	1.18	0.86	4	2.32	2.82	2.22	5'24	
Charles C. Mark		ehanabad				***		0.77	0.31	2	1.08	1'08	2'64	2°16 2°61	
		Arwal				******	*****	1.30	g·10	2 2	3:40	4'40	9	4'80	
		Sherghati		11,017				2.00	0.22	2	2.22	2.22	P	2,02	
	5.6	Rajauli Pakri Barawan						1'40	0.25	2	1.65	1.65	9.	3.15	
	Pains	Latna						0.19	1.92	2	2.11	2.11	2.95	2 89	
	Paina	Jinapore	*****					0.17	1:30	2 3	1'47 2'48	1:47 2:60	2.61 3.20	2 45 3 85	
		Behar					0.02	0.00	1'44		2,40,		2.69		
		4 14 4 1	- 4	- 10	113	1.0	1	0.28	2:55	2	3'14	3.81	3:83	4.26	
	Monchyr	Segooserai						1'00	2:32	2:	3:32	4.35. 5:22	3°35 2°40	6'84	
		amui	0,11		******	0'04	******	1'13	3.21	4 2	2'97	3.43	2,00	6'88 4'04	
Date of the state		Gogri Sheikpura				******		1.65	2.03	2	3.68	3.68 5.72	3'85.	7:36	
	South Bhagul-	shagulpore		*****			*****	2:04	2.77	2 2	3°28 5'02	5:97	3:24	7'80 10'87	
	pore.	Kolgong	*****				*****	2.15	1.24	2	3.39	4:29	P	5:63	
	sonthal Per-	dajmenal	1					2.91	1.78	2	4:69	4.74	5120	7.98	
	gunnahs.	Godda					0.07	3.00	1.57	3	3°39 4:43	8 39 6'31	8'41 6'42	7°59 12°50	
		ya Doomka	1.35			0.61	0.11	1.83	1.74	4	533	6:57	4/71	8:00	100
Lair		Deognur	*****		******	0°57 0°82	0:24	2.52	1.47	4	4.28	5.40	2,08	9:36 7:93	
	100	Simra		*****		0.02	0.43	2:20	0.50	2	2'40	3,59	P	7.34	
		Nanihat	******			*******		2.09	2.32	2	4.41	4'65	P	10:49	
CHUTTA NAG-	Hazaribagh	cachamba					0:13	3'65	0.13	3	3.91	4:03	4'34	6,61	
IUR.		(Giridi).				0:13	0.50	3.32	0.76	4,	4'41	4;67	3.21	8:32	
		semtagurah				1							4.76.		
		Thoomrah Hills	1996					none !	0.00		0,00	3.93	4'36	5.94	
		Barki						3.85 2.38	0.08	2 2	3.93 2.81	2.81	P	4:73	
		Karagdeha	0.42			0.19	Theres.	3.40	0.19	5 4	4'45	4°56 4°91		6°51 6°35	
		Kamghur	******			0.35	0.26	3:43	0 10		9.20				
	Lohardugga .	Lchardugga			0.18	0:62	38	8:33	2.77				· 8		
	Action Coppe	danchi		anthree .		0.10	0.25	3.33	1.00	4	4.68	4:98 3:32	4·14 2·66	7.66	
		Painmow				***	2.00	1.61	1.65	2	8.33	0.02	1	5'42	
		Balumat	******			9	******	\$.40	1'00.	2	4.40	4.40	- 1	4:40.	
		Hosseinabad		de production		en ti						,		10000	875a 2
	Kinghhuam	March					1.00	2.55	0.10	3	3.65	5:92	8.97	11:21	L.B.
	Singhhoom	Chakradhar-		*****	0:76	0:35	0.52	295	0.10	5.	p.46	6.32	?	9.71	1
		pore.					* 2*23		0.30		3.00	8:09	2	6:67	
	State of P	Baharagura			0.11	0°25	2.20	1:17	0.40		4'32	4 92	Ŷ	7'84	
100	Manbhoom	Purulia			191	0:41	0.79	2.28	0.09		3:55	8.63	4.38	7:24 5'67	
		Gobinapore	*****	*****		0.53	0.41	3.04	0.43		3.41	4:35	3.61	5.67 9.53	1
		Raghunath.	*****	*****		*****	1.05	3.60	0.07	3;	4.73	4'73			
	1 m	Barrabhoom		2		0.01	1.55	1.99	0.02	4	8:27	3:31	1	5'57	
		Jhalda					0.83	2'10	0.03	3	2'65	2.62	P	5'84	1
STATE OF THE PARTY					******		276 July (278 P. T			15 P. P. P. P. P. P. P. P. P. P. P. P. P.			THE RESIDENCE OF THE PARTY OF T	1.77 M. C. D. S.	130.285

Explication -indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the return for any day has not been received, the corresponding space is left blank. If any of the return for any day has not been received, the corresponding space is left blank. If any of the return for any day has not been received, the corresponding space is left blank. If any of the return for any day has not been received, the corresponding space is left blank. If any of the return for any day has not been received, the corresponding space is left blank.

CHACUTTA, the 21st June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 18TH OF JUNE 1886.

The most important feature of the meteorology of the past week has been the formation of a cyclonic storm of considerable intensity at the head of the Bay, and its passage in a north-westerly direction, as far certainly as the Bikaneer desert, where the storm was situated on Sunday, the 20th, though as this time it had become very feeble and had almost broken up. By the advance of this storm over the country, the monsoon rains have been brought up to the whole of Bengal, and thus the storm will probably form

an important feature in the meteorological history of the year. .

From the observations received on Saturday, the 12th June, there were no indications of the existence of the storm; pressure was, however, falling rapidly. particularly at the head of the Bay, and while very light winds were blowing in South Bengal, in the centre and south of the Bay a fairly strong monsoon current was reported. The observations, however, which were received on Sunday, the 13th, showed very distinctly that a feeble cyclonic storm was in process of formation at the head of the Bay. The storm continued to develop, remaining almost stationary on the 14th, and on this day very strong monsoon winds were reported from the whole of the centre and south of the Bay, showing clearly that the storm had intensified. On Tuesday, the 15th, the storm had again intensified still further, and was evidently advancing in a northerly or north-westerly direction, and storm signal No. 6, denoting that a small cyclonic storm was advancing towards the head of the Bay, was hoisted at the signal stations in the river Aughli at 2-30 A.M. of the 15th. On this day the centre of the storm was probably to the east or southeast of False Point, though a considerable distance from land. During the whole of this day it was evident that the storm was intensifying and slowly, but steadily, advancing, and as it progressed it became evident that it would reach the coast not very far from Sauger Island, so at 6-30 P.M. orders were issued to hoist a further signal indicating the advance of the storm towards Saugor Island. The storm centre continued to approach nearer and nearer to Sangor Island during the night of the 15th and the morning of the 16th, and as the storm was evidently of considerable size and intensity, it was thought desirable to hoist the first or warning signal in the Calcutta Port, indicating the existence of a cyclone near Saugor Island, and its probable approach towards Calcutta. This signal is the only one available for the Port of Calcutta to indicate the existence of a storm which is near Saugor and approaching northward, whether the storm be of the most intense kind or of comparatively small intensity.

The storm centre reached the coast to the east of Saugor Island at 7 A.M. on the morning of the 16th, and travelling in a north-westerly direction its centre was a little to the north of that station at 10 a.m. of this day, where the excessively low pressure of 29:106" at 9 Am. was reported. So far as observations have been received up to the present time, it would appear that the centre of the storm was accompanied by winds which were of very considerable violence, though comparatively little damage was done; but at Mud Point it may be mentioned the violence of the wind was such that it broke the signal flagstaff on which the storm signals are hoisted, so that for the present storm signals cannot be hoisted at that station. From the light-ve-sel at the mouth of the Mutlah it has been since reported that they were visited by a cyclone on the 16th, so it is probable that the storm centre passed either over this place or close to it, and then advancing in a north-westerly direction to the north of Saugor Island, it passed through the Midnapore district. At 10 A.M. on the 17th the centre of the evelonic storm was in the south or south-west of Chutia Nagpur, probably to the south-west of Kanchi, while at 10 a.m. on the morning of the 18th the storm was passing from South Behar into the North-West Provinces, the centre being probably to the south-west of Dehree, and on the morning of the 19th the telegraphic report from the Meteorological Reporter of the Government of India at Simla showed that the storm had advanced to Jhansi, and on the morning of the 20th it had advanced to the Bikaneer desert, where it finally broke up. The storm the efore travelled over a course of about 1,200 miles, and after it passed over the land, it advanced in a north-westerly

direction at the rate of about 200 miles a day.

When the storm centre had advanced well inland, the storm signals which had been

oisted in the Port and in the river were lowered at 4 A.M. of the 17th instant.

The advance of the storm over the land was accompanied by very heavy rain, and in the rear of the storm a very strong advance of monsoon winds took place over the whole Bay, which, following the storm, have caused the rainy season to set in over the whole province. The rainfall has of course been heaviest in the line of the advance of the storm, and some attremely heavy falls of rain are thus reported in South-West Bengal, Orissa, Chutia dagpur and South Behar, while the rainfall has been lighter in other districts.

The pressure variations during the week have been exceptionally large, for, as before binted out, the pressure accompanying the storm was exceptionally low, and it is probable lat, when detailed information of the storm is received, it will be found that pressure was eidedly below 29 inches at its centre, which is of course exceptionally low. Pressure has been entry been much below the normal, the greatest defects occurring in the path of the form. Thus at Saugor Island the mean pressure for the week has been 0.159" below the trial, at False Point the defect has been 0.156", and so on. The mean pressure for the lule province has been 0.072" below the normal for the week.

With the heavy rainfall which has attended and followed the advance of the storm, temperature fell with great rapidity from Wednesday, the 16th, but previous to this temperature was largely above the normal in all districts. The mean temperature of the province for the week is thus 1.2° in excess of the normal, while in North Behar the excess has been no

less than 4.7° and in South Behar 27°.

Rainfall, as stated previously, has been particularly heavy in South-West Bengal, Chutia Nagpur, Orissa and South Behar, while comparatively small quantities have fallen in other districts. In South-West Bengal the average fall for the week is 5 14 inches, which is nearly double the normal fall; in Orissa the fall has been 6.00 inches, the normal amount being 1.86 inches, and thus this district has received three times the normal fall. In Chutia Nagpur the actual fall has been 3.82 inches the normal being 2.47 inches, so that this division has received about one and a half times the usual amount. South Behar reports 3.12 inches against the normal 2.13 inches, or an inch in excess. The other districts have received falls in defect of the normal-thus East Bengal has received 3 90 inches against 5.74 inches, North Bengal 1.90 irches against the normal 4.17 inches, and North Behar 1.31 inches against 2.93 inches, so in each case the fall is considerably below the normal. The heavy rainfall accompanying the advance of the storm is shown by the fact that on the 16th the following stations reported falls exceeding 4 inches :- Balasore, Howrab, Jehanabad, and Cox's Bazar, while ten stations reported amounts between 3 and 4 inches and seventeen stations between 2 and 3 inches. On the 17th 29 stations reported amounts over three inches and 38 stations over two inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 18th of June 1886:—

**		1		Твири	RATU	RH.		1	7	9	433	RAINI	PALL.	Sel		- 36	
		week.	week.	Aver	agesfo	r week.	above or		Of we	ek.	R	ainy d	ays.		ce lat	Sinc	e 15th
METROROLOGI DIVISIONS.	CAL	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below normal mean of a	Average.	Normal average.	Variation,	Average number in week,	Normal average num- ber in week,	Variation.	Average,	Normal average, .	Average.	Normal average.
Orissa		102.9	70.4	90.8	78-2	84'5	-16	6.00	1.86	+4'14	4.5	3.0	+1'5	7:59	3:93	10.55	5.77
South-West Bengal	***	104.4	75-2	93'1	79.5	86.3	+01	5'14	2.70	+2.44	4:0	3.7	+0.3	5'84	6.00	9.72	8:36
East Bengal		95.3	75.6	87.9	78.2	83.1	0	3.80	574	-1'84	4'2	4.9	-0.7	9.92	11.89	14.79	15.99
North Bengal	***	9014	69.8	92.3	78.2	85.3	-	1,80	4'47	-2.57	2.9	4'3	-1'4	3.27	11.78	10.24	15'41
North Behar	***	107.5*	76.0*	100.8*	82.9*	91.8*	+4.7*	1'31	2.93	-1.62	1'8	2.8	-1.0	1.84	4'57	4'86	5'87
South Bensr	***	109.6	65*0	99.2	81.6	90.4	+2.7	3-12	273	+0.55	2.7	2.8	-01	3.63	3.53	5.74	4:36
Cutia Nagpur	***	101.24	70.91	93'3†	76'41	84'9†	+1'3†	3'84	2.47	+1.37	3.8	3:7	+0.1	4.25	4'03	6*80	518

† Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 22nd June 1886.

ALEXANDER PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 13th to 19th June 1886.

	110		bright	meter	r	HMPBR	ATURE.			Hyeron	ESTRY.	9	WIND.		T	1
Month.	Date.	Maximum in sun.	Number of bours of bright sunshine.	Mean pressure barometer at 82° Fabr.	Mean.	Maximum,	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point,	Humičity.	Prevailing direction.	Miles recerded,	Raig.	WBATHER,
1886.		0,		Inches.	0	0	6.5	0	0	Inches	0	%			Inches.	
une	13th	153.5	9:4	29.481	88.0	95.2	15.0	80.5	81.3	0.975	78.5	75	SE by E, ENE and 8SE.	114	Nil	Chiefly cloud
"	14th	155-8	9.7	439	87-9	96.2	16.0	80.2	80-8	*958	77-9	74	SSE, E and variable.	101	Not measure- able.	Chiefly cloudy
"	15th	153:6	1.8	*361	83.4	96.1	13-8	82.3	78.5	•913	76.4	80	ENE	269	0.92	Cloudy, o, g, 1
59	16th	104:5	Nil	167	79.4	82'8	6.6	76-2	77.8	-932	77.1	93	NE, ENE and ESE	450	4.43	Cloudy, o, g, o
,	17th	109.5	"	-394	80.3	82.8	7.5	75.3	78.2	*954	77.8	92	SE and SE by S	255	1.36	Cloudy, o, g, d
"	18th	114.2	1:1	-546	833	85:9	9.8	76:1	79.8	-979	78.6	87	SE and SSE	145	0:14	Chiefly cloudy
"	19th	131.0	9.0	*625	82.3	85.6	6.6	79.0	79.6	976	78 5	88	SE by S and ESE	80	0.80	Chiefly cloudy o, g. p, d, t.

	사람 가장 가장 가장 하는 사람들이 되었다. 그는 그 가장 가장 하는 것이 되었다. 그는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그			Inches.
	The mean pressure of the seven days			29.430
	The average pressure of the corresponding period for 24 years, S. G.'s	Office	***	The second secon
		Juice	***	29.532
	The total number of hours of bright supshine			Hours.
	The maximum possible number of hours of supeline	•••	***	22.6
	The maximum possible number of nours of sunsmine	•••	***	94.3
		4		0
	The mean temperature of the seven days			83.5
	The average temperature of the corresponding period for 24 years, S. G.	's Office		84.2
	The extreme variation of temperature			21.2
	The maximum temperature			96.5
				Miles,
	The highest velocity of the wind in one hour			25
			16.00	
				lbs.
	The highest pressure of wind on one square foot		***	11
				0
	The mean relative humidity			0
		0 0 1 00	***	84
	The average relative humidity of the corresponding period for 24 years,	s. G. s Ome	е	83
				Inches.
		•••	***	7.45
	The average fall of the corresponding period for 24 years, S. G.'s Office			3.93
ė				19.19
	The average fall of the corresponding period for 24 years, S. G.'s Office			17.22

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open.

Kew Observatory. They are exposed under a thatched shed open.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The barometer readings are obtained from Tables III, IV, and V of the official tables computed in the life at the standard Newman's No. 86, formerly at the Surveyor-General's Office. They are exposed under a thatched shed open at the sides, and are suspended four feet

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers.

A. PEDLER For Meteorological Reporter to the Govt. of India.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 13th to 19th June 1886.

100		1		1		TEMPER	ATURE.	1	1200 W.F.	Ну	GROMETRY.		7
Mont	YB.		Date.		Mean,	Maximum,	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Rain,
1886			,		0	. 0	0	0		Inches.		%	Inches
June ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,			13th 14th 15th 16th 17th 18th 19th	::	87·1 87·7 80·5 78·6 78·8 82·4 81·4	97-0 98-0 97-0 82-9 83-7 87-5 86-2	16:0 16:8 17:4 6:1 7:7 10:7 6:9	81·0 81·2 79·6 76·8 76·0 76·8 79·3	82 0 80 9 79 2 78 1 78 1 80 5 79 8	1·026 ·964 ·981 ·987 ·954 1·016 ·997	80 0 78:1 78:7 77:9 77:8 79:7 79:1	80 73 94 98 97 91 93	0·87 8·56 2·92 0·24 0·39
	The	ex	treme	e var	erature of	of the several temperature	ven days					82·4 22·0 98·0	
					e humic	dity n 18th to						% 89 Ins. 7:48	

The total fall of rain from 13th to 19th June 1886 ... 7.48

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 21st June 1886. A. PEDLER,

For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

During the week ending 5th June 1886, the returns of the principal Municipalities

in Bengal disclosed the following particulars.

1. That births and deaths were registered in these Municipalities at the rates, respectively, of 14.8 and 20.2 per 1,000 of population as opposed to 17.4 and 22.1 per 1,000, respectively, during the preceding week ending 29th May, indicating a considerable reduction in the registration of both events.

· 2. That these events were returned at the highest rates by the following Muni-

cipalities :-

	Bir	ths.				. Deaths.			
			В	atio per mille.					tio per mille.
Gya **			 	21.9	Beauleah	•••			60.4
Serampore	***	-	 	21.6	Patna		•••		37.6
Howrah			 	21.2	Commillah Bhagulpore			***	34·7 29·9

3. That the mortality from the specific death-causes mentioned in the table appended to this memorandum, compared with similar information for the preceding week, stood as follows :-

						Rat	io per mille duri	ng the weeks ending-	
4.3						5t	h June 1886.	29th May 1886.	
Cholera	***	***					1.4	1.1	
Small-pox			***			***	.1	.2	
Fever	***	***	***	***	***	***	9.4	10.3	
Bowel-complaints	***	***	•••	***		***	3.2	3.6	
Injury	***	***	***	***	***	***	.5	-5	
Other causes		***	***/		***	***	5.3	6.4	

The only noticeable fact revealed by the above figures is that the death-rates from fever and the maladies classed under the head of "Other causes" had diminished sensibly.

4. That referring to the diseases mentioned above, excluding small-pox and injury, the mortality from which was nowhere high, and fever and "other causes" which proved fatal only in Beauleah and Puri towns at the rates of 55.2 and 16.8 per 1,000 of their populations, respectively, cholera and bowel-complaints caused the highest mortality in the following Municipalities :-

	Chol	era.				Bowel-co	mplaints.		
4				atio per mille.					Ratio per mille.
Patna	***	***		4.2	Comillah	***			15.4
Howrah	***	•••		2.8	Patna		***	***	10.7
Suburbs of Calcutta	***	***	***	2.5					

5. That the death-rates in relation to Sex, Class and Age stand at the rates noted below:-

According to	Sex.	According	to Clas	88.	Accordin	g to A	ge.
	Ratio per mille.	1		atio per mille.	1		Ratio per mille.
Males Females Ratio of male deaths every 100 female dea		Christians Hindus Mahomedans		21·7 20·7 19·2	10 " 15 15 " 20 20 " 30 30 " 40 40 " 50	" ···· " ···· " ···· " ····	42·7 9·9 8·1 19·9 11·7 1 5 ·3 16·2 12·0

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 21st June 1886.

NATION N	1	Ø			so			•			9		9			1	142						60				6	10		п		113
NAMES ON MATCH. NAMES ON M				_																Two Control		MOR	FALIT	Y ACC	ORDIN	TG TO-				ŀ		
Note Property Pr					PUPULA	TION.				BIRT	HS.		1							Disea	86·										6X.	
Marrier Marr		NAMES OF M	INICI-				N	OMBER		RAT OF P	TO PER OPULAT ANNUS		to every		D	ватив	FROM			RA	T10 PR	SE 1,000	OF PO	PU LAT	ION PE	-	III mnu	DEATH		ATTO P. 1,000 O POPULA ION PR	E	
Street	STRICTS.	PALITIE	<i>i</i>			-lefoT	2 8 2 8 2 2 2 4 7 4	Femules.		Males.	Females.							Other causes.	VII canses.	Сројета•	small-pox.	Fevers.	Bowel-complaints.		Other causes.		he for nonfaludor	Males.	1	Males,	-	io of ma ss to ev nale des
Michaeles II. Michaeles III. Michaeles		Rurdwan		18.0	-	-	101/3	•	13	Language	1.9	19.8	252		:	: 	1	63	10	1	i	15.5	:	:		15.2	25.9	10	2		63	100
Heatilised Chicatchs Heat		Midnapore		16,9	-	-	37.	80	10	-	9.4	1.1	99	1	:	-	-	-	9	1.5	:	1.2	:	;	6.5	8.6	8.01	10	1 1	-	Ξ.	50
Heating Serial Control March Serial Contr		Hughli and Chinst	ursh	161	435	-	10	*	11	9.4	2.4	14.8	175	į	:	1	1	1		;	:	9.4	1.3	f	1	10.7	13.1	9	63	-	60	80
Hereine H. State S		Serampore		13,5		-	7	*	11	13.7	7.8	21.6	-			60	91		8 -	1	:	2.6	8.6	1	6.9	12.2	25.2	9	62		0.	8
Horsing in the state of Cheletist in this state of Cheletist in the st	~ ~	Utterpara		3,0		-	9 1	-	01		8.6	18.9	-	1	-	-		1	Pre	1	:	:	:	9.6	1	9.4	6.6	1,	1	0.41	No fem	ale dea
Manual Manual		Ноwган		58,1	-	-	160				6.01	8.13	76	ND.	:	111	:	90		63	:	6.3	4.0	:	4.6	17.71	12.0	17	14 1		23	121
Shipting of Calcutation 1,15,200 14,451 15,1451	~	Bali		7,8	-	-			*	2.0	0.4	14.0	100	:	:	99	; -	_	-	!	:	2.0	:	:	-	10.2	17.5	63	1	Marcal Co.	10	8
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R. LIDDERDALE, M.D.; Deputy Surgeon-General,	Sanitary Commissioner for Bengal.
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PICE OF SANITARY COMMISSIONER FOR BENGAL,
The 21st June 1886.

PUBLIC WORKS DEPARTMENT, -BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Bahnapootra, for the month of May 1886.

	Total Superior		Date.			
	Mirz	Miles	Distance.	Height over zero of gauge.	Belc	######################################
	Mirzapore.	*98	-grafi A lighta-	Height orer mean sea-level.	Below zero.	201-30 201-30 201-30 201-473 2
	Benares.	481	-adallA mor¶	Height orer zero of gauge.	Belor	0.87 11.08 10.08 1
	res.	'81	From Mirza-	Height over mean sea-level,	Below zero.	195 93 195 55 195 55 195 55 195 52 195 52 195 52 195 52 195 53 195 63 195
	Buxar			Height over zero of gauge.		0.442 0.442 0.433 0.733 0.025 0.025 0.038
	Mr.	*08	From Benares	Height over mean sea-level.		169.47 169.47 169.47 169.47 169.30 169.23 169.23 169.13 16
	Dina	.771	From Benares	Height over zero of gauge.		7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
RIVER GANGES.	Dinapore.	*18	From Buxar	Height over mean sea-level.		141.43 141.48 141.78 141.78 141.78 141.78 142.03 142.03 142.43 142.63 143.63 14
ANGES.	Monghy	.782	From Benares	Height	Below	93-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4
	ghyr.	.011	From Dinapore	Height over mean sea-level.	r zero.	98° 41. 98° 51. 98° 51. 98° 52. 98° 52. 98° 52. 98° 53. 98° 53
	Sahibgunge.	.185	From Benares	Height over zero of gauge.	Below zero.	
	ange.	**6	Тгот М онкћуг	Height Height over zero sea-level. of gauge.	zero.	64.75 64.75
	Rampore	.174	From Benares	Height over zero of gauge.	Веюч	28877777778888 11.837888777777778888 11.87777778888 11.8777778887 11.877778
,	Rampore Beauleah.	'06	-didas mory	Height over mean sea-level,	Below zero.	39 17 3 39 17
	Goal	297*	From Benares		,	33.46 4.46 4.63 4.83 4.83 4.83 6.03
	Goalundo.	150*	Prom Rampore Beaulean	Height Height Height Height Height over zero over mean over zero of gauge, sea-level, of gauge, sea-level, of gauge		13.50.50.50.50.50.50.50.50.50.50.50.50.50.
BHAGIL	Berha			Height over zero of gauge.		33.83.33.33.33.33.33.33.33.33.33.33.33.3
RIVER BHAGIRUTHER.	Berhampore.			Height over mean sea-level.		37.57 37.57 37.57 37.61 37.61 37.61 37.93
JEG	Krisht		,	Height over zero of gauge.		0.29 1.00 1.00 1.00 1.00 1.00 1.00 0.00 0.00 1.00
RIVER JELLINGHEE,	Krishnaghur.			Height over mean sea-level.		9 108 11 108 11 108 11 108 12 10 108 13 10 108 13 10 108 14 10 108 10 10 108 10 10 108 10 10 108 10 10 108 10 10 108 10 10 10 10 10 10 10 10 10 10 10 10 10 1
BRAHN	Gowhatty			Height orer zero of gauge.		5.29 4.69 4.69 4.69 10.20 10.2
BRAHMAPOUTRA	atty.			Height over menn sea-lerel.		155.76 155.76 155.76 155.86 155.86 155.86 155.86 156.76 156.76 157.16 15

D. B. Horn, Under-Secy, to Good. of Bengal.

The 22nd June 1886.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 19th of June 1886.

Number of		N	ature of	cargo.				Weight of cargo.	Toliage.
	•						. ,	Mds.	Rs. 4
204	Rice and paddy					•••		 48,052	820
6	Jute							 6,900	118
85	Pirewood *		,					 35,950	518
538	Other articles		,					 1,43,520	2,153
833				,	r	otal		 2,34,422	3,609

Statement of fluctuation of Goods Traffic on Dacca State Railway for the month of May 1886.

De	SCRIPTION	of Goods.			Inwards, maunds.	Outwards, maunds.	Total maunds.
Food-grain					87.	237	354
Firewood					400	450	850
Junny-bags						3	3
lute						180	180
Piece-goods					1.751	118	1.869
Railway materials	***				2,761	2,617	5,378
Sugar					11	12	23
Dil			•••		98	98	196
Coal		***				17	17
Wines					54	56	110
Rice					95	87	182
Provision						531	531
lardware					35	112	147
Shoes					2		2
Hides "					127	28	155
Spices					67		£7
Sreds		***	***	• * •		28	28
Timber		***				8	8
Salt		•••			33	66	89
Lime	,				700	700	1.400
Miscellaneous	•••				3,847	1,740	5,587
		GRAND T	OTAL		10,068	7,118	17,186

Note.—The Dacca State Railway was not opened through for goods traffic in May 1886, hence the comparative statement cannot be prepared.

F. C. Rogers, Traffic Superintendent.